PHARMACOPŒIA
OF THE
MADRAS STATE HOSPITALS
1957

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PHARMACOPŒIA

OF THE

MADRAS STATE HOSPITALS

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OF MADRAS
1957

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PREFACE

The old edition of the Madras General Hospital Pharmacopœia published in 1948 having become obsolete in parts, it was considered desirable to revise it. A committee consisting of the following members was constituted to carry out the revision :—

1. Dr. V. Iswariah, B.A., M.B.B.S., M.R.C.P., Professor of Pharmacology, Madras Medical College—*Convener.*

2. Dr. P. Ratnaswami, B.A., M.B.B.S., M.D., Additional Professor of Medicine, Madras Medical College, (since deceased), and

3. Dr. R. Subramaniam, B.SC., M.B.B.S., M.D., M.R.C.P., Professor of Therapeutics, Madras Medical College.

Dr. K. G. Paul, M.D., Honorary Physician and Professor of Therapeutics, Stanley Medical College, was appointed to fill the vacancy caused by the demise of Dr. P. Ratnaswami.

Sri A. Parthasarathy, Pharmacist of the Hospital, was nominated to act as the Secretary of the Committee.

This edition has introduced several vital changes, such as (1) adaptation of metric system in preference to imperial measures, the latter being utilized for the preparation of stock mixtures, (2) omission of some and rewriting of the remaining of several old hospital prescriptions in conformity with modern Pharmacological knowledge and (3) inclusion of only such of those non-official remedies that are of recognized value and that have no approximate equivalents in the official list of drugs.

Some items included in the earlier editions of the General Hospital Pharmacopœia were deleted as it was felt that they were more appropriate for a ward handbook than in a Pharmacopœia.

Regarding the introduction of the "Addendum of Drugs and Solutions useful in Pediatric Practice", it may be necessary, in this connexion to point out that though this addendum, to some extent outstrips the province Pharmacopœia into the realm of Therapeutics, it was considered desirable to introduce it in view of the paucity of such information in Pediatric Therapy.

The title of the Pharmacopœia is changed by the order of the Director of Medical Services No. 127038-G1/52, dated 4th April 1953, from "The Madras General Hospital Pharmacopœia" to "Pharmacopœia of the Madras State Hospitals".

The publication of this was sanctioned by the Director of Medical Services, Madras, in his No. 127038-G1/52, dated 4th April 1953.

C. K. PRASADA RAO, M.D.,
Dean.

GOVERNMENT GENERAL HOSPITAL,
MADRAS.

PHARMACOPŒIA OF THE MADRAS STATE HOSPITALS

TABLE OF DRUGS INCLUDED IN THE BRITISH PHARMACOPŒIA, 1953, WITH DOSES.

Acacia.

Prep.—Compound Powder of Tragacanth.

Acacia Mucilage of: (Should be recently prepared.)

Acetarsol.

Dose—60 to 250 mg. 1 to 4 gr.

Acetic Acid, Glacial.

,, Dilute.

Acetomenaphthone.

Dose—2 to 10 mg.

Acetomenaphthone, Tablets of—

Dose—Acetomenaphthone 2 to 10 mg.

Acetylsalicylic Acid.

Dose—0·3 to 1 G. 5 to 15 gr.

Acetylsalicylic Acid, Tablets of—

Dose—Acetylsalicylic Acid 0·3 to 1 G. 5 to 15 gr.

Acetylsalicylic Acid, Tablets of and Phenacetin.

Dose—1 to 2 Tablets.
(Each tablet contains 0·2268 G. (3½ gr.) of Acetylsalicylic Acid and 0·162 G. (2½ gr.) of Phenacetin.)

Acetylsalicylic Acid, Tablets of with Ipecacuanha and Opium.

Dose—1 to 2 Tablets.
(Each tablet contains 0·162 G (2½ gr.) of Acetylsalicylic Acid and 0·162 G. (2½ gr.) of Powder of Ipecacuanha and Opium).

Adrenaline.

Dose—By S. C. Injection. 0·1 to 0·5 mg. 1/600 to 1/120 gr.

Adrenaline Hydrochloride, Solution of
Adrenaline Acid Tartrate.

Dose—By S. C. Injection. 0·1 to 0·5 mg. 1/100 to 1/120 gr.

Adrenaline, Injection of—

Dose—By S.C. injection, 0·12 to 0·5 ml. 2 to 8 min. (Injection of Adrenaline contains the equivalent of adrenaline 1 in 1,000.)

Alcohol (95 per cent).
" Dilute—90% v/v, 80% v/v, 70% v/v, 60% v/v, 50% v/v, 45% v/v, 25% v/v, 20% v/v.

Industrial Methylated Spirit.
Almond Oil.
" Volatile Bitter.
Aloes.

Prep.—Aloes is an ingredient of compound Tincture of Benzoin.

Aloes Powdered.

Dose—0·12 to 0·3 G. 2 to 5 gr.

Aloin.

Dose—15 to 50 mg. ¼ to 1 gr.

Alum.

Amethocaine Hydrochloride.

" Injection of.

Aminacrine Hydrochloride.

Aminophylline.

Dose—0·1 to 0·5 G. 1½ to 8 gr.

Aminophylline, Injection of—

Dose—Aminophylline. 0·1 to 0·5 G. 1½ to 8 gr.
By I.V. or I. M. injection.

Aminophylline, Tablets of—

Dose—Aminophylline. 0·1 to 0·5 G. 1½ to 8 gr.

Ammonia, Strong Solution of—

Prep.—Aromatic Spirit of Ammonia Dilute Solution of Ammonia.

Ammonia, Aromatic Spirit of—

Dose—1 to 4 ml. 15 to 60 min.

Ammonia, Dilute Solution of—

Ammonium Acetate, Strong Solution of

Dose—1 to 4 ml. 15 to 60 min.

Ammonium Acetate, Dilute Solution of—

Dose—8 to 30 ml. ¼ to 1 fl. oz.

Ammonium Bicarbonate.

Prep.—Aromatic Spirit of Ammonia.
Dose—0·3 to 0·6 G. 5 to 10 gr.

Ammonium Chloride.

Dose—0·3 to 0·4 G. 5 to 60 gr.

Amphetamine.

,, Sulphate.

Dose—2·5 to 10 mg.

Amyl Nitrite.

Dose—By inhalation. 0·12 to 0·3 ml. 2 to 5 min.

Amylene Hydrate.

Dose—2 to 4 ml. 30 to 60 min.
Prep.—Amylene Hydrate is an ingredient of Bromothol.

Aneurine Hydrochloride.

Dose—Prophylactic. 2 to 5 mg. daily.
Therapeutic. 20 to 50 mg.

Aneurine Hydrochloride, Injection of—

Dose—Aneurine Hydrochloride by S.C. or I.M. injection. 20 to 50 mg.

Aneurine Hydrochloride, Tablet of—

Dose—Aneurine Hydrochloride;
Prophylactic 2 to 5 mg. daily
Therapeutic. 20 to 50 mg. daily.

Anise Oil.

Dose—0·06 to 0·2 ml. 1 to 3 min.

Antimony Potassium Tartrate.

Dose—2 to 8 mg. 1/32 to 1/8 gr. Emetic dose, 30 to 60 mg. ½ to 1 gr. By I.V. injection, 30 to 120 mg. ½ to 2 gr.

Antimony Potassium Tartrate, Injection of—

Dose—Antimony Potassium Tartrate, by I.V. injection 30 to 120 mg. ½ to 2 gr.

Antimony Sodium Tartrate.

Dose—2 to 8 mg. 1/32 to 1/8 gr.
Emetic dose, 30 to 60 mg.
By I.V. injection, 30 to 120 mg. ½ to 2 gr.

Antimony Sodium Tartrate, Injection of—

Dose—Antimony Sodium Tartrate, by I.V. Injection, 30 to 120 mg. ½ to 2 gr.

Apomorphine Hydrochloride.

Dose—Emetic dose, by S.C. or I.M. injection, 2 to 8 mg. 1/32 to 1/8 gr.

Apomorphine Hydrochloride, Injection of—

Dose—Apomorphine Hydrochloride, emetic dose as above.

Arachis oil (Groundnut oil, Nut oil, Peanut oil).

Arsenic Trioxide.

Dose—1 to 5 mg. 1/60 to 1/12 gr.

Arsenical Solution.

Dose—0·12 to 0·5 ml. 2 to 8 min.

Ascorbic Acid.

Dose—Prophylactic, 25 to 75 mg. daily.
Therapeutic. 0·2 to 0·5 G. daily.

Ascorbic Acid, Tablets of—

Dose of Ascorbic Acid as above.

Atropine.

Dose—0·25 to 1 mg. 1/240 to 1/60 gr.

Atropine Sulphate.

Dose—0·25 to 1 mg. 1/240 to 1/60 gr.

Atropine Eye ointment of. (If the strength is not stated, an ointment containing 1 per cent shall be dispensed or supplied).

Atropine Eye ointment with Mercuric Oxide. (If the strength is not stated an ointment containing 1 per cent of Atrophine sulphate and 1 per cent of yellow Mercuric Oxide shall be dispensed).

Atropine Sulphate, Injection of—

Dose—Atropine Sulphate by S.C. or I.M. injection 0·25 to 1 mg. 1/240 to 1/60 gr.

Atropine, Lamellae of—

Dose—Each weighing about 1·3 mg. (1/50 gr.) contains 0·065 mg. or 1/1000 gr. of atropine sulphate.

Atropine Sulphate, Tablets of—

Dose—Atropine Sulphate 0·25 to 1 mg. 1/240 to 1/60 gr.

Aureomycin Hydrochloride (Aureomycin).

Dose—For an adult, 1 to 2 G. daily in divided doses. For a child, 10 to 20 mg. per kg. of body weight daily in divided doses.

Bacillus Calmette—Guerin Vaccine (B.C.G. Vaccine).

Dose—By intracutaneous injection, as a single dose 0·1 ml. containing 0·05 to 0·1 mg. moist weight of the constituent bacilli.

Barbitone.

Dose—0·3 to 0·6 G. 5 to 10 gr.

Barbitone, Tablets of—

Dose—Barbitone, 0·3 to 0·6 G. 5 to 10 gr.

Barbitonum Sodium.

Dose—0·3 to 0·6 G. 5 to 10 gr.

Barbitone Sodium, Tablets of—

Dose—Barbitone Sodium, 0·3 to 0·6 G. 5 to 10 gr.

Barium Sulphate.
Beeswax, White (Cera Alba).
Belladonna Herb.
Belladonna, Dry Extract of—

Dose—15 to 60 mg. ¼ to 1 gr.

Belladonna Herb, Prepared (Belladonna Preparata).

Dose—30 to 200 mg. ½ to 3 gr.

Belladonna, Tincture of—

Dose—0·6 to 2 ml. 10 to 30 min.

Belladonna Root (Belladonnae Radix).
Belladonna, Liquid Extract of.
Bentonite.
Benzocaine.
Benzoic Acid is an ingredient of Camphorated Tincture of Opium.
Benzoin.
Benzoin, Compound Tincture of.
Benzyl Alcohol.
Benzyl Benzoate.
Benzyl Benzoate, Application of.
Bismuth, Precipitated.

Dose—By I.M. injection, 0·1 to 0·2 G. 1½ to 3 gr.

Bismuth, Injection of—

Dose—By I.M. injection, 0·5 to 1·0 ml. 8 to 15 min.

Bismuth Carbonate.

Dose—0·6 to 2 G. 10 to 30 gr.

Bismuth Oxychloride.

Dose—0·6 to 2 G. 10 to 30 gr.
By I. M. injection, 0·1 to 0·2 G. 1½ to 3 gr.

Bismuth Oxychloride, Injection of—
Dose—By I.M. injection 1 to 2 ml. 15 to 30 min.

Bismuth Salicylate.
Dose—0·6 to 2 G. 10 to 30 gr.

Bismuth Sodium Tartrate.
Dose—By I.M. injection, 60 to 200 mg. 1 to 3 gr.

Bismuth Sodium Tartrate, Injection of—
Dose—Bismuth Sodium tartrate by I.M. injection 60 to 200 mg. 1 to 3 gr.

Bismuth Subgallate.
Whole Human Blood.
Concentrated Human Blood Corpuscles.
Human Fibrin Foam.
Human Fibrinogen.
Dried Human Plasma.
Dried Human Serum.
Liquid Human Serum.
Human Thrombin.
Borax.
Boric Acid.
,, Ointment of.
Brilliant Green.
Butacaine Sulphate.
Butylamino-Benzoate.
Cade oil.
Caffeine.
Dose—0·3 to 0·6 G. 5 to 10 gr.
Calamine.
,, Lotion.
Calciferol.
(Vitamin D 2.)
Dose—Prophylactic, for infants and adults, 0·025 to 0·1 mg. (1,000 to 4,000 units) daily.
Therapeutic, for infants and adults, 0·125 to 1·25 mg. (5,000 to 50,000 units) daily.

Calciferol, Solution of—

Dose—Prophylactic, for infants and adults, 0·3 to 1·2 ml. (approximately 1,000 to 4,000 units) daily.

Therapeutic, 1·5 to 15 ml. (approximately 5,000 to 50,000 units) daily.

Calciferol, Tablets of—

Dose—Calciferol. Prophylactic, for infants and adults, 0·025 to 0·1 mg. (1,000 to 4,000 units) daily.

Therapeutic, for infants and adults 0·125 to 1·25 mg. (5,000 to 50,000 units) daily.

If the quantity to be contained in a tablet is not stated, tablets containing, in each, 1·25 mg. (50,000 units) shall be dispensed or supplied.

Calcium Carbonate.

Dose—1 to 4 G. 15 to 60 gr.

Calcium Chloride.

Dose—0·6 to 2 G. 10 to 30 gr.

Hydrated Calcium Chloride.

Dose—By I. V. injection, 0·6 to 2 G. 10 to 30 gr.

Calcium Gluconate.

Dose—1 to 4 G. 15 to 60 gr.

Calcium Gluconate, Injection of—

Dose—By I.V. or I.M. injection, 10 to 20 ml. 150 to 300 min.

Calcium Hydroxide.

Calcium Hydroxide, Solution of—

Dose—30 to 120 ml. 1 to 4 fl. oz,

Calcium Lactate.

Dose—1 to 4 G. 15 to 60 gr.

Calcium Lactate, Tablets of—

Dose—Calcium Lactate, 1 to 4 G. 15 to 60 gr.

Calcium Phosphate.

Dose—0·6 to 2 G. 10 to 30 gr.

Camphor.

Dose—0·12 to 0·3 G. 2 to 5 gr.

Camphor Ammoniated Liniment of—

Camphor Water.

Dose—15 to 30 ml. ½ to 1 fl. oz.

Liniment of Camphor.

Caraway.

Carbachol.

Dose—1 to 4 mg.
By S.C. injection, 0·25 to 0·5 mg.

Carbachol, Injection of—

Dose—Carbachol by S.C. injection, 0·25 to 0·5 mg.

Carbarsone.

Dose—0·12 to 0·25 G. 2 to 4 gr.

Carbon Dioxide.

Carbon Tetrachloride.

Dose—2 to 4 ml. 30 to 60 min. (as a single dose).

Capsules of Carbon Tetrachloride.

Dose—Carbon Tetrachloride, 2 to 4 ml. 30 to 60 min. as a single dose.

Cardamom Fruit.

Compound Tincture of Cardamom.

Dose—2 to 4 ml. 30 to 60 min.

Cascara Sagrada.

Cascara Sagrada, Dry Extract of—

Dose—0·12 to 0·5 G. 2 to 8 gr.

Cascara Sagrada, Tablets of—

Dose—Dry Extract of Cascara Sagrada, 0·12 to 0·5 G. 2 to 8 gr.

Cascara Sagrada, Elixir of—

Dose—2 to 4 ml. 30 to 60 min.

Cascara Sagrada, Liquid Extract of—

Dose—2 to 4 ml. 30 to 60 min.

Castor Oil.

Dose—4 to 16 ml. 60 to 240 min.

Sterilised Surgical Catgut.
Cetostearyl Alcohol.
Cetrimide.
Chalk.

Dose—1 to 4 G. 15 to 60 gr.

Chalk, Aromatic Powder of—

Dose—0·6 to 4 G. 10 to 60 gr.

Chalk, Aromatic Powder of with opium.

Dose—0·6 to 4 G. 10 to 60 gr.

Chenopodium Oil.

Dose—0·2 to 1 ml. 3 to 15 min.

Chiniofon Sodium.

Dose—0·1 to 0·5 G.
By rectal injection, 1 to 5 G.

Chloral Hydrate.

Dose—0·3 to 2 G. 5 to 30 gr.

Chloramine.
Chloramphenicol.

Dose—For an adult, 1·5 to 4 G. daily, in divided doses.

Capsules of Chloramphenicol.

Dose—Chloramphenicol, for an adult 1·5 to 4 G. daily in divided doses; for a child 50 mg. per kg. of body weight daily, in divided doses.

Chlorobutol.

Dose—0·3 to 1·2 G. 5 to 20 gr.

Chlorinated Lime.

Chlorinated Soda (Dakin's Solution), Surgical solution of.

Chlorocresol.

Chloroform.

Dose—0·06 to 0·3 ml. 1 to 5 min.

Chloroform Water.

Dose—15 to 30 ml. ½ to 1 fl. oz.

Chloroform, Emulsion of—

Dose—0·3 to 2 ml. 5 to 30 min.

Chloroform, Spirit of—

Dose—0·3 to 2 ml. 5 to 30 gr.

Chloroxylenol.

Chloroxylenol, Solution of—

Cholera Vaccine.

Cinchocaine Hydrochloride.

Cincophen.

Dose—0·3 to 0·6 G. 5 to 10 gr.

Cinnamon.

Cinnamon Oil.

Dose—0·06 to 0·2 ml. 1 to 3 min.

Concentrated Cinnamon water.

Dose—0·3 to 1 ml. 5 to 15 min.

Citric Acid.
Dose—0·3 to 2 G. 5 to 30 gr.

Clove.
Clove Oil.
Dose—0·06 to 0·2 ml. 1 to 3 min.

Cocaine.
Cocainæ Hydrochloride.
Dose—8 to 16 mg. 1/8 to 1/4 gr.

Cocaine, Lamellæ of.
Cochineal.
Codeinæ Phosphate.
Dose—10 to 60 mg. 1/6 to 1 gr.

Compound tablets of Codeine—
Dose—1 or to 2 tablets.

Codeine Phosphate, Tablets of—
Dose—Codeine Phosphate, 10 to 60 mg. 1/6 to 1 gr.

Cod-liver Oil.
Dose—4 to 12 ml. 60 to 80 min. daily, in divided doses.

Cod-liver Oil, Emulsion of—
Dose—8 to 24 ml. 120 to 360 min. daily in divided doses.

Cod-liver Oil, Extract of malt with—
Dose—4 to 30 ml. 60 min. to 1 fl. oz. daily in divided doses.

Colchicine.
Dose—0·5 to 1 mg. 1/120 to 1/60 gr.
Total dose. 2 to 8 mg. 1/30 to 1/8 gr.

Colchicum corm.

Colchicum, Liquid Extract of—
Tincture of Colchicum.

Dose—0·3 to 1 ml. 5 to 15 min.

Collodion.
Colophony.
Copper Sulphate.

Dose—16 to 120 mg. ¼ to 2 gr.
Emetic Dose—0·3 to 0·6 G. 5 to 10 gr.

Coriander.
Coriander Oil.

Dose—0·06 to 0·2 ml. 1 to 3 min.

Cottonseed Oil.
Creosote.

Dose—0·12 to 0·6 ml. 2 to 10 min.

Cresol.
Cresol with soap (Lysol), Solution of—
Crystal violet.

Dose—10 to 30 mg. 1/6 to ½ gr.

Cyanocobalamin (Vitamin B 12).

Dose—By I.M. injection, initial dose, 50 to 100 micrograms weekly; maintenance dose, 50 to 100 micrograms every two or three weeks.

Injection of Cyanocobalamin.

Dose—Cyanocobalamin, by I.M. injection, initial dose, 50 to 100 micrograms weekly; maintenance dose, 50 to 100 micrograms every two or three weeks.

Cyclopropane.
Decamethonium Iodide.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Deoxycortone Acetate.

Dose—By I.M. injection, 2 to 5 mg. daily.
Total implantation dose, 0·1 to 0·4 G.

Deoxycortone Acetate Implants of—

Dose—Deoxycortone Acetate, total implantation dose, 0·1 to 0·4 G.

Deoxycortone Acetate, Injection of—

Dose—Deoxycortone Acetate, by I.M. injection, 2 to 5 mg. daily.

Dextrose.
,, Injection of.
,, Monohydrate.
Dibutyl Phthalate.
Dicophane (DDT).
Dienoestrol.

Dose—0·5 to 10 mg. daily.

Dienoestrol, Tablets of—

Dose—Dienoestrol, 0·5 to 10 mg. daily.

Digitalis leaf.
Digitalis, Prepared.

Dose—Prepared Digitalis containing 10 units in 1 G. 30 to 100 mg. ½ to 1½ gr.

Digitalis, Tablets of, prepared.

Dose—Prepared Digitalis containing 10 units in 1 G. 30 to 100 mg. ½ to 1½ gr.

Digitalis, Tincture of—

Dose—0·3 to 1 ml. 5 to 15 min.
Tincture of Digitalis contains in 1 ml. 1 unit of activity.

Digoxin.

Dose—Initial dose 1 to 1·5 mg. maintenance dose 0·25 mg. once or twice daily.

Digoxin, Injection of—

Dose—Injection of Digoxin, by I.V. injection. 10 to 20 ml.

Injection of Dogoxin contains in 20 ml. 1 mg. of Digoxin.

Digoxin, Tablets of—

Dose—Digoxin, initial dose. 1 to 1·5 mg. maintenance dose, 0·25 mg. once or twice daily.

Dihydrostreptomycin.

Dose—By injection the equivalent of 1 G. of Dihydrostreptomycin base daily.

Dihydrostreptomycin, Injection of—

Dose—By injection, the equivalent of 1 G. of Dihydrostreptomycin base daily.

Di-iodohydroxyquinoline.

Dose—1 to 2 G. daily.

Dill Oil.

Dose—0·06 to 0·2 ml. 1 to 3 min.

Dill Water, Concentrated.

Dose—0·3 to 1 ml. 5 to 15 min.

Dimercaprol (B.A.L.).

Dose—By I.M. injection, 200 mg. in divided doses during the first day and subsequently in accordance with the needs of the patient.

Dimercaprol, Injection of—

Dose—By I.M. injection, 4 ml. in divided doses during the first day and subsequently in accordance with the needs of the patient.

Dimethyl Phthalate.

Diodone, Injection of—

Dose—The strength of the solution and the dose are determined by the Physician in accordance with the diagnostic procedure undertaken.

Diphenan.

Dose—0·5 to 1 G. 8 to 15 gr.

Diphtheria Antitoxin.

Dose—By injection, Prophylactic 500 to 2.000 units, Therapeutic, not less than 10,000 units.

Diphtheria Prophylactic—

(*a*) Formol Toxoid (F.T.)—

Dose—By I.M. or deep S.C. injection, the first dose of the volume indicated on the label as the dose, followed after not less than four weeks by a second dose, and, if required, after not less than two weeks by a third dose.

(*b*) Alum Precipitated Toxoid (A.P.T.)—

Dose—By I.M. or deep S.C. injection, a first dose of 0·2 to 0·5 ml. followed after not less than four weeks by a second dose of 0·5 ml.

(c) Purified Toxoid, Aluminium Phosphate (P.T.A.P.)—

Dose—By I.M. or deep S.C. injection, two doses, each of 0·5 ml. given at an interval of not less than four weeks.

(*d*) Toxoid-Antitoxin-floccules (T.A.F.)—

Dose—By I.M. or deep S.C. injection, three doses, each 1 ml. at an interval of not less than four weeks between the first and second doses, and an interval of not less than two weeks between the second and third doses.

Schick Test Toxin.

Dose—Diagnostic, by intracutaneous injection, 0·2 ml.

Schick Control.

Dose—Diagnostic, by intracutaneous injection. 0·2 ml.

Dithranol.

" Ointment of.

" Strong Ointment of.

Emetine and Bismuth Iodide.

Dose—60 to 200 mg. 1 to 3 gr. daily.

Emetine Hydrochloride.

Dose—By S.C. or I.M. injection, 30 to 60 mg. ½ to 1 gr. daily.

Emetine Hydrochloride, Injection of—

Dose—Emetine Hydrochloride, by S.C. or I.M. injection, 30 to 60 mg. ½ to 1 gr. daily.

Emulsifying Wax.

Emulsifying Ointment.

Simple cream.

Ephedrine.

Ephedrine Hydrochloride.

Dose—16 to 60 mg. ¼ to 1 gr.

Ephedrine Hydrochloride, Tablets of—

Dose—Ephedrine Hydrochloride, 16 to 60 mg. ¼ to 1 gr.

Ergometrine Maleate.

Dose—0·5 to 1 mg.
By I.M. injection, 0·25 to 1 mg.
By I.V. injection, 0·125 to 0·5 mg.

Ergometrine Maleate, Injection of—

Dose—Ergometrine Maleate.
By I.M. injection, 0·25 to 1 mg.
By I.V. injection, 0·125 to 0·5 mg.

Ergometrine Maleate, Tablets of—

Dose—Ergometrine Maleate, 0·5 to 1 mg.

Ergotamine Tartrate.

Dose—Single dose, 1 to 2 mg.
By S.C. or I.M. injection, 0·25 to 0·5 mg.

Ergotamine Tartrate, Injection of—

Dose—Ergotamine Tartrate, by S.C. or I.M. injection, 0·25 to 0·5 mg.

Ergotamine Tartrate, Tablets of—

Dose—Ergotamine Tartrate, 1 to 2 mg. as a single dose.

Ethanolamine.

Ethanolamine Oleate, Injection of—

Dose—By I.V. injection as a Sclerosing agent, 2 to 5 ml. 30 to 75 min.

Ether, Anaesthetic.

Ether, Spirit of—

Dose—1 to 4 ml. 15 to 60 min.

Ether, Solvent.

Ethinyloestradiol.

Dose—0·01 to 0·1 mg. daily.

Ethinyloestradiol, Tablets of—

Dose—Ethinyloestradiol, 0·01 to 0·1 mg. daily.

Ethisterone.

Dose—25 to 100 mg. daily.

Ethisterone, Tablets of—

Dose—Ethisterone, 25 to 100 mg. daily.

Ethyl Biscoumacetate.

Dose—0·15 to 1 G. daily, according to the prothorombin activity of the blood.

Ethyl Chloride.
Ethyl Oleate.
Eucalyptol.

Dose—0·06 to 0·2 ml. 1 to 3 min.

Eucalyptus Oil.

Dose—0·06 to 0·2 ml. 1 to 3 min.

Fennel.
Ferric Ammonium Citrate.

Dose—1 to 3 G. 15 to 45 gr.

Ferric Chloride, Solution of—

Dose—0·3 to 1 ml. 5 to 15 min.

Ferrous Sulphate.

Dose—0·2 to 0·3 G. 3 to 5 gr.

Ferrous Sulphate, Exsiccated.

Dose—60 to 200 mg. 1 to 3 gr.

Ferrous Sulphate, Tablets of Exsiccated—

Dose—Exsiccated Ferrous Sulphate, 60 to 200 mg. 1 to 3 gr.

Fluorescein Sodium.
Folic Acid.

Dose—5 to 20 mg. daily.

Formaldehyde, Solution of—
Gamma Benzene Hexachloride.
Gas Gangrene Antitoxin (Oedematiens).

Dose—By injection, Prophylactic, 10,000 units; Therapeutic, not less than 30,000 units.

Gas Gangrene Antitoxin (Septicum).

Dose—By injection, Prophylactic, 5,000 units; Therapeutic not less than 15,000 units.

Gas Gangrene Antitoxin (Welchii).

Dose—By injection—Prophylactic, 10,000 units; Therapeutic not less than 30,000 units.

Gas Gangrene Antitoxin, Mixed.

Dose—By injection—
Prophylactic—
Gas Gangrene Antitoxin (Welchii), 10,000 units.
Gas Gangrene Antitoxin (Oedematiens), 10,000 units.
Gas Gangrene Antitoxin (Septicum), 5,000 units.
Therapeutic—
Gas Gangrene Antitoxin (Welchii), not less than 30,000 units.
Gas Gangrene Antitoxin (Oedematiens), not less than 30,000 units.
Gas Gangrene Antitoxin (Septicum), not less than 15,000 units.

Gelatin.
Gentian.
Gentian, Concentrated Compound Infusion of—

Dose—2 to 4 ml. 30 to 60 min.

Gentian, Compound Infusion of—

Dose—15 to 30 ml. ½ to 1 fl. oz.

Gentian, Compound Tincture of—

Dose—2 to 4 ml. 30 to 60 min.

Ginger, Powdered.

Dose—0·3 to 1 G. 5 to 15 gr.

Ginger, Strong Tincture of—

Dose—0·3 to 0·6 ml. 5 to 10 min.

Ginger, Syrup of—

Dose—2 to 8 ml. 30 to 120 min.

Ginger, Weak Tincture of—

Dose—2 to 4 ml. 30 to 60 min.

Glucose, Liquid.

Glycerin.

Glycerin, Suppositories of—

Glyceryl, Trinitrate, Tablets of—

Dose—Glyceryl Trinitrate, 0·5 to 1 mg. 1/130 to 1/60 gr.

Gonadotrophin, Chorionic.

Dose—By I.M. injection, 500 to 1,000 units twice weekly.

Gonadotrophin, Injection of Chorionic—

Dose—Chorionic Gonadotrophin, by I.M. injection, 500 to 1,000 units twice weekly.

Gonadotrophin, Serum.

Dose—By I.M. injection, 200 to 1,000 units twice weekly.

Gonadotrophin, Injection of Serum—

Dose—Serum Gonadotrophin by I.M. injection, 200 to 1,000 units twice weekly.

Halibut-liver Oil.

Dose—0·06 to 0·5 ml. 1 to 8 min. daily.

Halibut-liver Oil, Capsules of—

Dose—Halibut-liver Oil, 0·06 to 0·5 ml. 1 to 8 min. daily.

Hamamelis.

,, Dry extract.

,, Liquid extract.

,, Ointment.

Helium.

Heparin.

Dose—By I.V. or I.M. injection, 6,000 to 12,000 units.

Heparin, Injection of—

Dose—Heparin, by I.V. or I.M. injection, 6,000 to 12,000 units.

Hexobarbitone.

Dose—0·25 to 0·5 G. 4 to 8 gr.

Hexobarbitone Sodium.

Dose—By I.V. injection, 0·2 to 1 G. by rectal injection, 40 mg. per kg. of body weight, maximum dose 2 G.

Hexobarbitone Sodium, Injection of—

Dose—Hexobarbitone Sodium, by I.V. injection, 0·2 to 1 G.

Histamine Acid Phosphate.

Dose—By S.C. injection, 0·5 to 1 mg. 1/120 to 1/60 gr.

Histamine Acid Phosphate, Injection of—

Dose—Histamine Acid Phosphate, by S.C. injection, 0·5 to 1 mg. 1/120 to 1/60 gr.

Homatrophine Hydrobromide.

Homatrophine, Lamellae of—

Hydnocarpus Oil.

Dose—0·3 to 1 ml., increased gradually to 4 ml. 5 to 15 min. increased gradually to 60 min.

Hydnocarpus Oil, Injection of—

Dose—By S.C. or I.M. injection. 2 ml. increased gradually to 5 ml. 30 min. increased gradually to 75 min.

Hydnocarpus Oil, Ethyl Esters.

Dose—0·3 to 1 ml. increased gradually to 4 ml. 5 to 15 min. increased gradually to 60 min.

Hydnocarpus Oil, Injection of Ethyl Esters of—

Dose—By S.C. or I.M. injection, 2 ml. increased gradually to 5 ml. 30 min. increased gradually to 75 min.

Hydrochloric Acid.

Hydrochloric Acid, Dilute.

Dose—0·6 to 8 ml. 10 to 120 min.

Hydrogen Peroxide, Solution of—

Hyoscine Hydrobromide.

Dose—0·3 to 0·6 mg. 1/200 to 1/100 gr.

Hyoscine, Eye oitment of—

Hyoscine Hydrobromide, Injection of—

Dose—Hyoscine Hydrobromide by S.C. injection 0·3 to 0·6 mg. 1/200 to 1/100 gr.

Hyoscyamus.

Hyoscyamus, Dry Extract of—

Dose—16 to 60 mg. ¼ to 1 gr.

Hyoscyamus, Liquid Extract of—

Dose—0·2 to 0·4 ml. 3 to 6 min.

Hyoscyamus, Tincture of—

Dose—2 to 4 ml. 30 to 60 min.

Ichthammol.

Indigo Carmine.

Dose—By S.C. or I.M. injection, 50 to 100 mg. ¾ to 1½ gr. By I.V. injection, 8 to 16 mg. ⅛ to ¼ gr.

Injection of Insulin.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Injection of Globin.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Injection of Protamine Zinc Insulin.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Iodine.
Iodine, Aqueous solution of—

Dose—0·3 to 1 ml. 5 to 15 min.

Iodine, Strong solution of—
Iodine, Weak solution of—

Dose—0·3 to 2 ml. 5 to 30 min.

Iodised Oil, Injection of—

Dose—The amount required to carry out the diagnostic procedure undertaken.

Iodophthalein.

Dose—40 to 60 mg. per kg. of body weight, up to 5 G.

Iodoxyl.

Iodoxyl, Injection of—

Dose—Injection of Iodoxyl containing 75 per cent w/v of Iodoxyl, by I.V. injection, for an adult, 20 ml.; for a child 5 to 10 ml.; for an infant, 2 to 5 ml.

Ipecacuanha.
,, Liquid, Extract of—

Dose—0·03 to 0·12 ml. ½ to 2 min.
Emetic dose—0·6 to 2 ml. 10 to 30 min.

Ipecacuanha, Tincture of—

Dose—0·6 to 2 ml. 10 to 30 min.
Emetic dose—15 to 30 ml. ½ to 1 fl. oz.

Ipecacuanha, Prepared.

Dose—30 to 120 mg. ½ to 2 gr.
Emetic dose—1 to 2 G. 15 to 30 gr.

Ipecacuanha and Opium, Powder of—(Dover's Powder).

Dose—0·3 to 0·6 G. 5 to 10 gr.

Ipecacuanha and Opium, Tablets of—

Dose—Powder of Ipecacuanha and Opium, 0·3 to 0·6 G. 5 to 10 gr.

Isoprenaline Sulphate.

Dose—5 to 20 mg.

Isoprenaline Sulphate, Tablets of—

Dose—Isoprenaline Sulphate, 5 to 20 mg.

Kaolin, Heavy.
Kaolin, Poultice.
Kaolin, Light.

Dose—15 to 60 G. ½ to 2 oz.

Lactic Acid.
Lactose.
Lamellæ.
Lavender Oil.
Lead Acetate.
Lead Subacetate, Strong solution of—
,, Dilute solution of—
Lead Monoxide.
Lemon Oil.
Lemon Peel, Dried.
,, Fresh.

Lemon, Syrup of—

Dose—2 to 8 ml. 30 to 120 min.

Lemon, Tincture of—

Dose—2 to 4 ml. 30 to 60 min.

Leptazel.

Dose—50 to 130 mg.

Leptazol, Injection of—

Dose—By S.C. injection, 0·5 to 1 ml.

Linseed oil.

Liquorice.

Liquorice, Compound Powder of—

Dose—4 to 8 G. 60 to 120 gr.

Liquorice, Liquid Extract of—

Dose—2 to 4 ml. 30 to 66 min.

Magnesium, Carbonate Heavy.

Dose—As a gastric antacid, 0·3 to 0·6 G. 5 to 10 gr.
As a laxative, 2 to 4 G. 30 to 60 gr.

Magnesium, Carbonate Light.

Dose—As a gastric antacid, 0·3 to 0·6 G. 5 to 10 gr.
As a laxative, 2 to 4 G. 30 to 60 gr.

Magnesium Oxide, Heavy.

Dose—As a gastric antacid, 0·3 to 0·6 G. 5 to 10 gr.
As a laxative, 2 to 4 G. 30 to 60 gr.

Magnesium Oxide, Light.

Dose—As a gastric antacid, 0·3 to 0·6 G. 5 to 10 gr.
As a laxative, 2 to 4 G. 30 to 60 gr.

Magnesium Hydroxide, Mixture of—

Dose—4 to 16 ml. 60 to 240 min.

Magnesium Sulphate (Epsom salts).

Dose—2 to 16 G. 30 to 240 gr.

Magnesium Sulphate, Exsiccated.

Dose—2 to 12 G. 30 to 180 gr.

Magnesium Trisilicate.

Dose—0·3 to 2 G. 5 to 30 gr.

Male Fern.

Male Fern, Extract of—

Dose—3 to 6 ml. 45 to 90 min.

Male Fern, Capsules of Extract of—

Dose—Extract of Male Fern, 3 to 6 ml. 45 to 90 min.

Maleic Acid.

Malt, Extract of.

Menaphthone.

Dose—By I.M. injection, 1 to 5 mg. daily.

Menaphthone, Injection of—

Dose—Menaphthone, by I.M. injection, 1 to 5 mg. daily.

Menthol.

Mepacrine Hydrochloride.

Dose—Prophylactic, 0·1 G. daily.
Therapeutic, 0·2 to 0·5 G. daily in divided doses.

Mepacrine Hydrochloride, Tablets of—

Dose—Mepacrine Hydrochloride, Prophylactic, 0·1 G. daily, Therapeutic, 0·2 to 0·5 G. daily in divided doses.

Mepacrine Methanesulphonate.

Dose—By I.M. injection, 0·1 to 0·3 G.

Mepacrine Methanesulphonate, Injection of—

Dose—Mepacrine Methane Sulphonate, by I.M. injection, 0·1 to 0·3 G.

Mepyramine Maleate.

Dose—0·3 to 0·8 G. daily in divided doses.

Mepyramine Maleate, Tablets of—

Dose—Mepyramine Maleate, 0·3 to 0·8 G. daily in divided doses.

Mercuric Chloride.
Mercuric Chloride, Solution of.
Mercuric Nitrate, Strong Ointment of.
Mercuric Nitrate, Dilute Ointment of.
Mercuric Oxide, Yellow.
Mercuric Oxide, Eye Ointment of.
Mercury, Oleated.
Mercury, Ointment of Oleated.
Mercuric Oxycyanide.
Mercurous Chloride.

Dose—30 to 200 mg. ½ to 3 gr.

Mercurous Chloride, Tablets of—

Dose—Mercurous Chloride, 30 to 200 mg. ½ to 3 gr.

Mercury.
,, Ointment of.
,, Dilute, Ointment of.
,, Ammoniated.
,, Ointment of Ammoniated.

Mersalyl.
Mersalyl, Injection of—

Dose—By I.M. injection, 0·5 to 2 ml. (8 to 30 min.)

Methacholine Chloride.

Dose—0·4 to 0·2 G. By S.C. injection, 10 to 25 mg.

Methadone Hydrochloride.

Dose—5 to 10 mg.

Methadone Hydrochloride, Tablets of—

Dose—Methadone Hydrochloride 5 to 10 mg.

Methoin.

Dose—50 to 100 mg.

Methoin, Tablets of—

Dose—Methoin, 50 to 100 mg.

Methyl Salicylate.

Methylene Blue.

Dose—60 to 300 mg. 1 to 5 gr.

Methylphenobarbitone.

Dose—60 to 200 mg. 1 to 3 gr.

Methyltestosterone.

Dose—25 to 50 mg. daily for a man.
5 to 20 mg. daily for a woman.

Methyltestosterone, Tablets of—

Dose—Methyltestosterone, 25 to 50 mg. daily for a man.
5 to 20 mg. daily for a woman.

Methylthiouracil.

Dose—Controlling dose, 0·2 to 0·6 G. daily.
Maintenance dose, 50 to 200 mg. daily.

Methylthiouracil, Tablets of—

Dose—Methylthiouracil.
Controlling dose, 0·2 to 0·6 G. daily.
Maintenance dose, 50 to 200 mg. daily.

Morphine Hydrochloride.

Dose—8 to 20 mg. (1/8 to 1/3 gr.)

Morphine Hydrochloride, Solution of—

Dose—0·3 to 2 ml. 5 to 30 min.

Morphine Sulphate.

Dose—8 to 20 mg. 1/8 to 1/3 gr.

Morphine and Atropine, Injection of—

Dose—By S.C. or I.M. injection 0·5 to 1 ml. 8 to 15 min.

Morphine Sulphate, Injection of—

Dose—Morphine Sulphate, by S.C. or I.M. injection, 8 to 20 mg. 1/8 to 1/3 gr.

Neoarsphenamine.

Dose—By I.V. injection, 0·15 to 0·6 G.

Neoarsphenamine, Injection of—

Dose—Neoarsphenamine by I.V. injection, 0·15 to 0·6 G.

Neostigmine Bromide.

Dose—15 to 30 mg., the frequency of the dose being determined in accordance with the needs of the patient.

Neostigmine Methylsulphate.

Dose—By S.C. or I.M. injection 0·5 to 2 mg., the frequency of the dose being determined in accordance with the needs of the patient.

Neostigmine Methylsulphate, Injection of—

Dose—Neostigmine Methylsulphate, by S.C., or I.M. injection, 0·5 to 2 mg., the frequency of the dose being determined in accordance with the needs of the patient.

Nicotinamide.

Dose—Prophylactic, 15 to 30 mg. daily.
Therapeutic, 50 to 250 mg. daily.

Nicotinamide, Injection of—

Dose—Nicotinamide, by injection, 50 to 250 mg. daily.

Nicotinamide, Tablets of—

Dose—Nicotinamide Prophylactic, 15 to 30 mg. daily.
Therapeutic, 50 to 250 mg. daily.

Nicotinic Acid.

Dose—Prophylactic, 15 to 30 mg. daily.
Therapeutic, 50 to 250 mg. daily.

Nicotinic Acid, Tablets of—

Dose—Nicotinic Acid.
Prophylactic, 15 to 30 mg. daily.
Therapeutic, 50 to 250 mg. daily.

Nikethamide.

Dose—By S.C., I.M. or I.V. injection, 0·25 to 1 G

Nikethamide, Injection of—

Dose—By S.C., I.M. or I.V. injection, 1 to 4 ml.

Nitric Acid.

Nitrous Oxide.

Nutmeg.

Nutmeg Oil.

Dose—0·06 to 0·02 ml. (1 to 3 min.)

Nux Vomica.

Nux Vomica, Dry Extract of—

Dose—15 to 60 mg. (¼ to 1 gr.)

Nux Vomica, Liquid Extract of—

Dose—0·06 to 2 ml. (1 to 3 min.)

Nux Vomica, Tincture of—

Dose—0·6 to 2 ml. (10 to 30 min.)

Nux Vomica, Prepared.

Dose—60 to 250 mg. (1 to 4 gr.)

Oestradiol Monobenzoate.

Dose—By I.M. injection, 1 to 5 mg. daily.

Oestradiol Monobenzoate, Injection of—

Dose—Oestradiol Monobenzoate, by I.M. injection, 1 to 5 mg. daily.

Oleic Acid.
Olive Oil.
Opium.
Opium, Powdered.

Dose—30 to 200 mg. (½ to 3 gr.)

Opium, Tincture of—

Dose—0·3 to 2 ml. (5 to 30 min.)

Opium, Camphorated, Tincture of—

Dose—2 to 4 ml. (30 to 60 min.)

Orange Peel, Dried, Bitter.
,, Fresh, Bitter.
Orange, Tincture of—

Dose—2 to 4 ml. (30 to 60 min.)

Orange, Syrup of—

Dose—2 to 8 ml. (30 to 120 min.)

Orthocaine.
Ouabain.

Dose—By I.V. injection, 0·12 to 0·25 mg.

Ouabain, Injection of—

Dose—Ouabain, by I.V. injection, 0·12 to 0·25 mg.

Oxophenarsine Hydrochloride.

Dose—By I.V. injection, 20 to 60 mg.

Oxophenarsine Tartrate.

Dose—By I.V. injection 45 to 90 mg.

Oxygen.

Oxytocin, Injection of—

Dose—By S.C or I.M. injection, 0·2 to 0·5 ml. (3 to 8 min.) equivalent to 2 to 5 units.

Pamaquin.

Dose—10 to 20 mg.

Pancreatin.

Dose—0·5 to 1. G. (8 to 15 gr.)

Papaverine Hydrochloride.

Dose—0·12 to 0·25 G. (2 to 4 gr.)

Paraffin, Hard.
,, Light, Liquid.
,, Liquid.

Dose—8 to 30 ml. (½ to 1 fl. oz.)

Paraffin, Emulsion of Liquid—

Dose—8 to 30 ml. (½ to 1 fl. oz.)

Paraffin, White, soft.
,, Yellow, Soft.
,, Ointment.
,, Simple Ointment.

Paraldehyde.

Dose—2 to 8 ml. (30 to 120 min.)
By I.M. injection, 2 to 8 ml. (30 to 120 min.)
By rectal injection as a basal anaesthetic, 15 to 30 ml. (½ to 1 fl. oz.)

Penicillin, Amorphous—

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Penicillin, Benzyl.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Pencillin Cream of.

,, Eye Ointment of.

,, Injection of—

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Penicillin Lozenges of.

,, Ointment of.

,, Tablets of.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Peppermint Oil.

Dose—0·06 to 0·2 ml. (1 to 3 min.)

Peppermint Water, Concentrated.

Dose—0·3 to 1 ml. (5 to 15 min.)

Peppermint Oil, Emulsion of—

Dose—0·3 to 2 ml. (5 to 30 min.)

Peppermint Oil, Spirit of—

Dose—0·3 to 2 ml. (5 to 30 min.)

Pepsin.

Dose—0·3 to 1 G. (5 to 15 gr.)

Pethidine Hydrochloride.

Dose—25 to 100 mg.
By S.C. or I.M. injection, 25 to 100 mg.
By I.V. injection. 25 to 50 mg.

Pethidine Hydrochloride, Injection of—

Dose—Pethidine Hydrochloride, by S.C. or I.M. injection, 25 to 100 mg.; by I.V. injection 25 to 50 mg.

Pethidine Hydrochloride, Tablets of—

Dose—Pethidine Hydrochloride, 25 to 100 mg.

Phenacetin.

Dose—0·3 to 0·6 G. (5 to 10 gr.)

Phenacetin, Tablets of—

Dose—Phenacetin, 0·3 to 0·6 G. (5 to 10 gr.)

Phenadoxone Hydrochloride.

Dose—25 to 50 mg.
By S.C. or I.M. injection 5 to 15 mg.

Phenadoxone Hydrochloride, Tablets of—

Dose—Phenadoxone Hydrochloride, 25 to 50 mg.

Pheniodol.

Dose—3 to 6 G., as a single dose.

Phenobarbitone—

Dose—30 to 120 mg. (½ to 2 gr.)

Phenobarbitone, Tablets of—

Dose—Phenobarbitone, 30 to 120 mg. (½ to 2 gr.)

Phenobarbitone Sodium.

Dose—0·1 to 0·2 G. (1½ to 3 gr.)

Dose—30 to 120 mg. (½ to 2 gr.)
By I.V. or I.M. injection, 60 to 200 mg. (1 to 3 gr.) as a single dose.

Phenobarbitone Sodium, Injection of—

Dose—Phenobarbitone Sodium. By I.V. or I.M. injection, 60 to 200 mg. (1 to 3 gr.) as a single dose.

Phenobarbitone Sodium, Tablets of—

Dose—Phenobarbitone Sodium, 30 to 120 mg. (½ to 2 gr.)

Phenol—

,, Glycerine of.

,, Liquefied.

Phenolphthalein.

Dose—60 to 300 mg. (1 to 5 gr.)

Phenolphthalein, Tablets of—

Dose—Phenolphthalein, 60 to 300 mg. (1 to 5 gr.)

Phenolsulphonphthalein.

Dose—By I.M. or I.V. injection, 6 mg. (1/10 gr.)

Phenylmercuric Nitrate.

Phenytoin Sodium.

Dose—50 to 100 mg. (3/4 to 1½ gr.)

Phenytoin Sodium, Tablets of—

Dose—Phenytoin Sodium, 50 to 100 mg. (¾ to 1½ gr.)

Phosphoric Acid.

Phosphoric Acid, Dilute.

Dose—0·3 to 4 ml. (5 to 60 min.)

Physostigmine Salicylate.

Dose—0·6 to 1·2 mg. (1/100 to 1/50 gr.)

Physostigmine, Lamellae of.

Picrotoxin.

Dose—By I.V. or I.M. injection, 0·6 to 6 mg.; in the treatment of barbiturate poisoning, 6 mg. by I.V. injection every ten minutes until corneal reflexes return.

Picrotoxin, Injection of—

Dose—Picrotoxin, by I.V. or I.M. injection, 0·6 to 6 mg.; in the treatment of barbiturate poisoning 6 mg. by I.V. injection every ten minutes until corneal reflexes return.

Pilocarpine Nitrate.

Dose—3 to 12 mg. (1/20 to 1/5 gr.)

Plague Vaccine.

Dose—By injection, Prophylactic, a first dose of 0·5 ml., followed after seven to twenty-one days by a second dose of 1 ml.

Podophyllum Resin.

Dose—15 to 60 mg. (¼ to 1 gr.)

Potassium Acid Tartrate.

Dose —1 to 4 G (15 to 60 gr.)

Potassium Bicarbonate.

Dose—1 to ·2 G. (15 to 30 gr.)

Potassium Bromide.

Dose—1 to ·32 G. (5 to 20 gr.)

Potassium Bromide, Tablets of—

Dose—Potassium Bromide, 0·3 to 1·2 G. (5 to 20 gr.)

Potassium Chloride.

Dose—1 to 2 G. (15 to 30 gr.)

Potassium Citrate.

Dose—1 to 2 G. (15 to 30 gr.)

Potassium Hydroxide.

,, Solution of.

Potassium Iodide.

Dose—0·3 to 2 G. (5 to 30 gr.)
In the treatment of thyrotoxicosis, 30 to 60 mg. ($\frac{1}{2}$ to 1 gr.)

Potassium Nitrate.

Dose—0·3 to 1 G (5 to 15 gr.)

Potassium Permanganate.

Procaine Benzylpenicillin.

Dose—By I.M. injection, 500,000 to 1,000,000 units daily.

Procaine Benzylpenicillin, Injection of—

Dose—Procaine Benzylpenicillin, by I.M. injection 500,000 to 1,000,000 units daily.

Procaine Benzylpenicillin with Benzylpenicillin, Injection of—

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Procaine Hydrochloride.

Procaine and Adrenaline, Injection of.

Profavine Hemisulphate.

Progesterone.

Dose—By I.M. injection, 5 to 20 mg, daily.

Progesterone, Injection of—

Dose—Progesterone, by I.M. injection 5 to 20 mg. daily.

Proguanil Hydrochloride

Dose—0·1 to 0·4 G. daily.

Proguanil Hydrochloride, Tablets of—

Dose—Proguanil Hydrochloride, 0·1 to 0·4 G. daily.

Promethazine Hydrochloride.

Dose—25 to 75 mg. daily.

Promethazine Hydrochloride, Tablets of—

Dose—Promethazine Hydrochloride, 25 to 75 mg. daily.

Propylthiouracil.

Dose—Controlling dose, 0·2 to 0·6 G. daily, maintenance dose, 50 to 200 mg. daily.

Propylthiouracil, Tablets of—

Dose—Propylthiouracil, controlling dose, 0·2 to 0·6 G. daily; maintenance dose, 50 to 200 mg. daily.

Pyroxilin.—Flexible Collodion.

Quassia.

,, Concentrated Infusion of—

Dose—2 to 4 ml. (30 to 60 min.)

Quassia, Infusion of—

Dose—15 to 30 ml. (½ to 1 fl. oz.)

Quassia, Fresh Infusion of—

Dose—15 to 30 ml. (½ to 1 fl. oz.)

Quillaia—

,, Liquid Extract of.

Quinalbarbitone Sodium.

Dose—50 to 200 mg. (¾ to 3 gr.)

Quinalbarbitone Sodium, Tablets of—

Dose—Quinalbarbitone Sodium, 50 to 200 mg. (¾ to 3 gr.)

Quinine Sulphate.

Dose—60 to 300 mg. (1 to 5 gr.)

Quinine Bisulphate.

Dose—0·3 to 0·6 G. (5 to 10 gr.)

Quinine Bisulphate, Tablets of—

Dose—Quinine Bisulphate, 0·3 to 0·6 G. (5 to 10 gr.)

Quinine Dihydrochloride.

Dose—0·3 to 0·6 G. (5 to 10 gr.)

Quinine Dihydrochloride, Injection of—

Dose—Quinine Dihydrochloride, by I.V. injection, 0·3 to 0·6 G. (5 to 10 gr.)

Quinine Hydrochloride.

Dose—0·3 to 0·6 G. (5 to 10 gr.)

Quinine and Urethane, Injection of—

Dose—By I.V. injection as a sclerosing agent 0·5 to 5 ml. (8 to 75 min.)

Quinine Hydrochloride, Tablets of—

Dose—Quinine Hydrochloride, 0·3 to 0·6 G. (5 to 10 gr.)

Quinine Sulphate.

Dose—0·3 to 0·6 G. (5 to 10 gr.)

Resorcinol.

Rhubarb.

Dose—0·2 to 1 G. (3 to 15 gr.)

Rhubarb—Compound, Powder of—

Dose—0·6 to 4 G. (10 to 60 gr.)

Rhubarb—Compound, Tincture of—

Dose—2 to 4 ml. (30 to 60 min.)

Riboflavine.

Dose—Prophylactic, 1 to 4 mg. daily; Therapeutic, 5 to 10 mg. daily.

Riboflavine—Tablets of—

Dose—Riboflavine, Prophylactic. 1 to 4 mg. daily; Therapeutic, 5 to 10 mg. daily.

Rosemary Oil.
Saccharin.
Saccharin Sodium.
Salicylic Acid.
,, Ointment of—
Santonin.

Dose—60 to 200 mg. (1 to 3 gr.)

Scarlet Fever Antitoxin.

Dose—By injection, Prophylactic, 1,500 to 3,000 Units; Therapeutic, 3,000 to 40,000 Units.

Scarlet Fever Prophylactic.

Dose—By S.C. or I.M. injection a series, of weekly injections, increasing from 250 to 100,000 skin-test doses.

Dick Test Toxin.

Dose—Diagnostic, by I.C. injection, 0·2 ml.

Dick Control.

Dose—Diagnostic, by I.C. injection, 0·2 ml.

Senna Fruit.

Dose—0-6 to 2 G. (10 to 30 gr.)

Senna—Liquid, Extract of.

Dose—0·6 to 2 ml. (10 to 30 min.)

Syrup of Senna.

Dose—2 to 8 ml. (30 to 120 min.)

Senna Leaf.

Dose—0·6 to 2 G. (10 to 30 gr.)

Sesame Oil.
Silver Nitrate.
,, Toughened.
Silver Protein.
Smallpox Vaccine.

Dose—By Scarification or pressure inoculation 0·06 ml. (1 min.)

Soft Soap.
Soap, Liniment of.
Soda Lime.
Sodium Acid Citrate.
,, Phosphate.

Dose—2 to 4 G. (30 to 60 gr.)

Sodium Aminosalicylate.

Dose—10 to 15 G. daily in divided doses.

Sodium Aurothiomalate.

Dose—By I.M. injection, 10 mg. increased gradually to 100 mg. weekly.

Sodium Aurothiomalate, Injection of—

Dose—Sodium Aurothiomalate, by I.M. injection, 10 mg. increased gradually to 100 mg. weekly.

Sodium Benzoate.

Dose—0·3 to 2 G. (5 to 30 gr.)

Sodium Bicarbonate.

Dose—1 to 4 G. (15 to 60 gr.)

Sodium Bicarbonate Compound, Tablets of—

Dose—2 to 6 tablets.

Sodium Bicarbonate, Injection of—
Sodium Bromide.

Dose—0·3 to 1·2 G. (5 to 20 gr.)

Sodium Carbonate.
Sodium Chloride.
,, Compound, Injection of—
,, Injection of—
Sodium Citrate.

Dose—1 to 4 G. (15 to 60 gr.)

Sodium Citrate, Tablets of—
Sodium Hydroxide.
Sodium Iodide.

Dose—0·3 to 2 G. (5 to 30 gr.) In the treatment of thyrotoxicosis, 30 to 60 mg. (½ to 1 gr.)

Sodium Lactate Compound, Injection of—
Sodium Lauryal Sulphate.
Sodium Metabisulphite.
Sodium Phosphate.

Dose—2 to 16 G. (30 to 240 gr.)

Sodium Potassium Tartrate.

Dose—8 to 16 G. (120 to 240 gr.)

Compound Effervercent Powder/(Seidlitz Powder).

Dose—Dissolve No. 1 powder in a tumbler of cold or warm water; then add No. 2 powder. The liquid should be taken while it is effervescing.

Sodium Salicylate.

Dose—0·6 to 2 G. (10 to 30 gr.)

Sodium Sulphate.

Dose—2 to 16 G. (30 to 240 gr.)

Staphylococcus Toxoid.

Dose—By I.M. injection, 0·05 ml. gradually increased to 1 ml.

Starch.

" Glycerin of.

Stibophen.

Dose—By I.V. injection, 0·1 to 0·3 G.

Stibophen, Injection of—

Dose—By I.V. injection, 1·5 to 5 ml.

Stilboestrol.

Dose—0·1 to 5 mg. daily.

Stilboestrol, Tablets of—

Dose—Stilboestrol, 0·1 to 5 mg. daily.

Storax, Prepared.

Stramonium.

" —Dry Extract of—

Dose—15 to 60 mg. (½ to 1 gr.)
In the treatment of Parkinsonism, 60 to 500 mg. (1 to 8 gr.)

Stramonium—Liquid Extract of—

Dose—0·06 to 0 2 ml. (1 to 3 min.)
In the treatment of Parkinsonism, 0·2 to 1·6 ml. (3 to 25 min.)

Stramonium—Tincture of—

Dose—0·6 to 2 ml. (10 to 30 min.)
In the treatment of Parkinsonism, 2 to 16 ml. (30 to 240 min.)

Streptomycin Hydrochloride.

Dose—By injection, the equivalent of 1 G. of streptomycin base daily.

Streptomycin Hydrochloride—Injection of—

Dose—Streptomycin Hydrochloride, by injection, equivalent to 1 G. of Streptomycin base daily.

Streptomycin Sulphate.

Dose—By injection, the equivalent of 1 G. of streptomycin base daily.

Streptomycin Sulphate—Injection of—

Dose—Streptomycin Sulphate, by injection, equivalent to 1 G. of Streptomycin base daily.

Streptomycin—Calcium Chloride.

Dose—By injection, the equivalent of 1 G. of streptomycin base daily.

Streptomycin-Calcium Chloride—Injection of—

Dose—Streptomycin-Calcium Chloride, by injection, equivalent to 1. G. of Streptomycin base daily.

Strychnine Hydrochloride.

Dose—2 to 8 mg. (1/30 to 1/8 gr.)

Solution of Strychnine Hydrochloride.

Dose—0·2 to 0·8 ml. (3 to 12 min.)

Succinylsulphathiazole.

Dose—3 to 6 G.

Succinylsulphathiazole, Tablets of—

Dose—Succinylsulphathiazole, 3 to 6 G.

Sucrose.

Syrup.

Sulphacetamide Sodium.
Sulphacetamide—Eye Ointment of.
Sulphadiazine.

Dose—Initial dose 3 G., subsequent doses, 1 to 1·5 G. every 4 hrs.

Sulphadiazine—Tablets of—

Dose—Sulphadiazine, Initial dose, 3 G.; subsequent doses, 1 to 1·5 G. every four hours.

Sulphadimidine.

Dose—Initial dose 3 G; subsequent doses, 1 to 1·5 G. every six hours.

Sulphadimidine—Tablets of—

Dose—Sulphadimidine, Initial dose, 3 G.; subsequent doses, 1 to 1·5 G. every six hours.

Sulphadimidine Sodium.

Dose—By I.V. injection, 1 to 2 G.

Sulphadimidine Sodium, Injection of—

Dose—Sulphadimidine Sodium, by I.V. injection, 1 to 2 G.

Sulphaguanidine.

Dose—3 to 6 G.

Sulphaguanidine, Tablets of—

Dose—Sulphaguanidine, 3 to 6 G.

Sulphanilamide.

Dose—Initial dose, 3 G.; subsequent doses 1 to 1·5 G. every four hours.

Sulphanilamide, Tablets of—

Dose—Sulphanilamide. Initial dose 3 G.; subsequent doses 1 to 1·5 every four hours.

Sulpharsphenamine.

Dose—By S.C. or I.M. injection, 0·1 to 0·6 G.

Sulpharsphenamine, Injection of—

Dose—Sulpharsphenamine, by S.C. or I.M. injection 0·1 to 0·6 G.

Sulphathiazole.

Dose—Initial dose 3 G.; subsequent doses, 1 to 1·5 G. every four hours.

Sulphathiazole, Tablets of—

Dose—Sulphathiazole. Initial dose, 3 G.; subsequent doses, 1 to 1·5 G. every four hours.

Sulphathiazole Sodium.

Dose—By I.V. injection 1 to 2 G.

Sulphathiazole Sodium, Injection of—

Dose—Sulphathiazole Sodium, by I.V. injection, 1 to 2 G.

Sulphur—Precipitated.

Dose—1 to 4 G. (15 to 60 gr.)

Sublimed Sulphur.

Dose—1 to 4 G. (15 to 60 gr.)

Sulphur, Ointment of—

Suppositories of Hamamelis.

Suramin.

Dose—By I.V. injection, 1 to 2 G.

Suramin, Injection of—

Dose—Suramin, by I.V. injection, 1 to 2 G.

Tannic Acid.

" Glycerin of—

Tar.

" Prepared Coal.

(Coal) Tar Solution of—
Tartaric Acid.

Dose—0·3 to 2 G. (5 to 30 gr.)

Terpineol.
Testosterone.

Dose—Total implantation dose, 0·1 to 0·6 G.

Testosterone, Implants of—

Dose—Testosterone, total Implantation dose ; 0·1 to 0·6 G.

Testosterone Propionate.

Dose—By I.M. injection, 5 to 25 mg. daily.

Testosterone Propionate, Injection of—

Dose—Testosterone Propionate, by I.M. injection, 5 to 25 mg. daily.

Tetanus Antitoxin.

Dose—By injection, Prophylactic, not less than 1,500 units, Therapeutic, not less than 50,000 units. [The unit is the international unit (1950) and is equivalent to two international units (1928).]

Tetanus Toxoid.

Dose—By S.C. or I.M. injection, a first dose 0·5 to 1 ml. followed after not less than six weeks by a second dose of 1 ml.

Tetrachlorœthylene.

Dose—1 to 3 ml. 15 to 45 min. as a single dose.

Tetrachlorœthylene, Capsules of—

Dose—Tetrachlorœthylene, 1 to 3 ml. (15 to 45 min.) as a single dose.

Theobroma Oil.
Theobromine and Sodium Salicylate.

Dose—0·6 to 1·2 G. (10 to 20 gr.)

Theophylline.

Dose—60 to 200 mg. (1 to 3 gr.)

Thiopentone Sodium.

Dose—By I.V. injection, 0·1 to 0·5 G. by rectal injection, 40 mg. per kg. of body weight; maximum dose 2 G.

Thiopentone Sodium, Injection of—

Dose—Thiopentone Sodium, by I.V. injection, 0·1 to 0·5 G.

Thymol.

Dose—30 to 120 mg. (½ to 2 gr). Anthelmintic dose, 1 to 2 G. (15 to 30 gr.)

Thyroid.

Dose—30 to 240 mg. (½ to 4 gr. daily.)

Tablets, Thyroid of—

Dose—Thyroid, 30 to 240 mg. (½ to 4 gr. daily.)

Tolu, Balsam of—
,, Syrup of—

Dose—2 to 8 ml. (30 to 120 ml.)

Totaquine.

Dose—0·3 to 0·6 G. (5 to 10 gr.)

Tragacanth.
,, Compound, Powder of—

Dose—0·6 to 4 G. (10 to 60 gr.)

Tragacanth, Mucilage of—
Tribromœthyl Alcohol.
Bromethol.

Dose—By rectal injection as a basal anæsthetic, 0·075 to 0·1 ml. per kg. of body weight (⅓ to 2/3 min.) per pound of body weight.

Trichloracetic Acid.

Trichloroethylene.

Troxidone.

Dose—For an adult, 1 to 2 G. daily in divided doses. For a child, 0·25 to 0·5 G. daily, in divided doses.

Tryparsamide.

Dose—By S.C., I.M., or I.V. injection, 1 to 2 G.

Tryparsamide, Injection of—

Dose—Tryparsamide, by S.C., I.M., or I.V. injection, 1 to 2 G.

Tuberculin, Old.

Dose—Diagnostic by I.C. injection 0·1 ml. quantities containing in each ml. 10, 100 or 1,000 units of old Tuberculin (i.e.) 1, 10 or 100 units in each 0·1 ml. injected.

Tuberculin, Purified Protein Derivative of—

Dose—Diagnostic by I.C. injection 0·1 ml. quantities of solutions containing in each ml. Purified Protein derivative of Tuberculin equivalent to 10, 100 or 1,000 units of old Tuberculin (1, 10 or 100 units in each 0·1 ml. injected).

Tubocurarine Chloride.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Tubocurarine Chloride, Injection of—

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Turpentine oil.

Turpentine, Liniment of.

Typhoid—Paratyphoid A and B Vaccine.

Dose—Prophylactic by S.C. injection.

Alcohol treated vaccines.—Initial dose 0·25 ml. second dose, after an interval of seven to twenty-eight days, 0·5 ml.

Vaccines other than alcohol treated.—Initial dose 0·5 ml. second dose, after an interval of seven to twenty-eight days, 1 ml.

Typhoid—Paratyphoid A, B and C Vaccine.

Dose—Prophylactic by S.C. injection.

Alcohol treated vaccines.—Initial dose 0·25 ml.; second dose, after an interval of seven to twenty-eight days, 0·5 ml.

Vaccines other than alcohol treated.—Initial dose 0·5 ml. second dose, after an interval of seven to twenty-eight days, 1 ml.

Typhus Vaccine.

Dose—By S.C. injection, 0·25 to 1 ml.

Urea.

Dose—5 to 15 G.

Urethane.

Dose—1 to 2 G. (15 to 30 gr.)

Vanillin.

Vasopressin, Injection of—

Dose—By S.C. or I.M. injection, 0·25 to 0·75 ml.; 4 to 12 min. equivalent to 5 to 15 units.

Vinyl Ether.

Vitamin A, Concentrated Solution of—

Dose—0·06 to 0·6 ml. (aprox. 2,500 to 25,000 units) daily.

Vitamin D, Concentrated Solution of—

Dose—Prophylactic, for infants and adults, 0·1 to 0·4 ml. (approx. 1,000 to 4,000 units) daily; Therapeutic, 0·5 to 5 ml. (approx. 5,000 to 50,000 units) daily.

Vitamins A and D, Concentrated Solution of–

Dose—0·06 to 0·6 ml. equivalent to approx. 2,500 to 25,000 units of Vitamin A activity and approx. 250 to 2,500 units of antirachitic activity (Vitamin D) daily.

Water, Distilled.
Water for Injection.
Whooping Cough Vaccine.

Dose—Prophylactic, three doses, each of 20,000 million bacilli, at intervals of four weeks.

Wool Alcohols.
Wool Alcohols, Ointment of—
Hydrous Ointment.
Wool Fat.
Wool Fat, Hydrous.
Yellow Fever Vaccine.

Dose—By S.C. injection, not less than 500 I.D. 50 doses.

Zinc Oxide.
,, Compound Paste of.
,, Cream of:
Zinc, Gelatin of.
Zinc Oxide, Ointment of
Zinc Oxide and Castor Oil, Ointment of.
Zinc Oxide and Salicylic Acid, Paste of.
Zinc Peroxide.
,, Stearate.
,, Sulphate.

Dose—Emetic, 0·6 to 2 G. (10 to 30 gr.)

TABLE OF IMPORTANT NON-OFFICIAL DRUGS.

ACTH (Adrenocorticotrophic hormone)—*By I.M. Injection*, Varying dosage *Starting dose, generally* 10 *mg*. 6 *hourly*, adjusted up or down to meet the needs of the patient.

Adalin (Sedative, hypnotic)—Sedative: 0·324 G. (59 gr.)—three to four times daily.

As mild hypnotic: 0·648 G. to 1·30 G. (10 to 20 gr). an hour before retiring.

Aerosporin (Polymyxin B Sulphate)—Oral or parenteral: 150 mg.—four to six times daily according to the need of the patient.

Allonal (Sedative, hypnotic, analgesic)—0·065 0·15 G.

Aluminium Hydroxide Gel (6 per cent) (Gastric Antacid) Demulcent—2 to 5 c.c. every 2 to 4 hrs.

Amidophen (Antipyretic, analgesic)—0·3 to 0·6 G., repeated only as required.

Amphogel (4 per cent) (Gastric Antacid), Demulcent—0·3 to 0·75 G. or 2 to 5 c.c.

Amytal (Sedative, hypnotic)—0·016 to 0·049 G.

Antabuse (for chronic alcoholic)—0·5 G.

Antistine (Antihistamine)—0·1 to 0·2 G.

Apresoline—25 mg.

Artane trihexyphenidyl (Antispasmotic)—2·5 to 10 mg.

Aureomycin hydrochloride (Antibiotic)—10 mg. per kg. body weight in divided doses—varying with diseases and severity.

Bacitracin (Antibiotic)—Topical.

Banthine bromide (Anticholinergic)—0·05 to 0·1 G.

Basex—0·5 G.

Belladenal (each tablet to contain 0·25 mg. of total Balladonna alkaloids and 50 mg. of phenobarbital) (Antispasmodic—Sedative)—2 to 4 tablets daily.

Bellafoline (similar to Belladenal but without Phenobarbitonum) (Antispasmodic)—1 to 2 tablets daily (each tablet contains 0·25 mg. of Hyoscyamine).

Bellergal (each tablet to contain 0·1 mg. of Bellafoline, 0·3 mg. of Ergotamine and 20 mg. of Phenobarbitone) (Sedative of autonomic nervous system)—2 to 4 tablets daily.

Benadryl (Antihistamine)—0·05 to 0·1 G.

Benodain hydrochloride (Adrenolytic)—*Diagnostic aid—By I.V. Injection, very slowly ADMINISTERED*—0·25 mg. per kg. body weight. Biotin (Vit. B. group)—0·005 to 0·01 g.

Bromsulphalein (Diagnostic aid for hepatic function)—*Diagnostic aid—By I. V. Injection*—2 mg. per kg. body weight of 5 per cent solution.

Butazolidine—600 mg. daily.

Cal-Bis-Ma (Gastric antacid)—1 to 1·5 G.

Calcibronat (each tablet to contain 0·3 to 0·6 G. of calcium bromidogalactogluconate) (Sedative)—1 to 2 tablets.

Chlorothen (Antihistamine)—0·025 to 0·05 G.

Chlor-Trimaton Maleate (Antihistamine)—0·004 to 0·008 G.

Choline Chloride—0·5 G.

Cibalgin (Analgesic Sedative)—0·2 G. to 0·4 G.

Clopanehydrochloride (Nasal decongestant)—Nasal decongestant.

Cobione (Vitamin B 12)—1 microgramme per day.

Decapryn (Antihistaminic)—0·0125 to 0·025 G.

Decholin (Hydrocholeretic)—0-243 to 0·486 G.

Dexedrine (Amphetamine)—0·005 to 0·007 G.

Dextran—6 per cent.

Dial (Hypnotic—Sedative)—0·097 to 0·292 G.

Diasone (Sulphone)—0·3 to 0·9 G.

Diatrinhydrochloride (Antihistamine)—0·05 G.

Dicodid (Codeine derivative)—0·0054 G. to 0·0108 G.

Digitoxin—0·0012 to 0·0015 G.(digitalising) and 0·1 to 0·3 mg. (maintenance).

Dihydroergotamin—0·001 G. (Oral; I.M., or I.V.)

Dilaudidhydrochloride (morphine derivative)—0·0013 to 0·0025 G.

Diodrast (Radio-opaque medium)—Radiopaque intravenous urography.

Dionin (Ethylmorphine hydrochloride)—0·015 G.

Dramamine (Antihistamine)—0·050 to 0·100 G.

Efocaine—Non-oily depot local anæsthetic.

Elkosin (Sulpha Compound)—2 to 4 G.

Ephetonin (Synthetic Ephedrine)—0·01 to 0·05 G.

Epinephrine base in oil—1 c.c. contains 2 mg.

Erythrityl Tetranitrate (Coronary vasodilator)—0·016 to 0·032 G.

Erythromycin—

Eucupin Dihydrochloride (Local Analgesic Antiseptic)—Local anæasthetic, 0·5 to 1 per cent solution, topical.

Eumydrin (Antispasmodic)—0·001 to 0·003 G.

Fibrin Foam and Thrombin—Haemostatic—topical.

Flaxedil (Curare substitute)—1 mg. per kg. body weight.

Folic Acid—0·005 to 0·015 G.

Furacin—Topical.

Gantrisin (Sulpha Compound)—2 to 6 G.

Gelfoam—Haemostatic—topical.

Guanidine Hydrochloride (For Myosthenia gravis)—0·01 G. gradually worked up to 0·125 G.

Hapamine (Histamine Antagonist)—0·01 to 0·02 c.c.

Hesperidin Methyl Chalcone (Bioflavanoid and Vitamin C)—0·05 to 0·1 G.

Hetrazan (Antifilariasis)—2 mg. per kg. body wt.

Hexamethonium Chloride—250 mg.

Histadyl (Antihistamine)—0·025 to 0·1 G.

Hydental (Anti cenulasant)—0·12 G. gradually increasing slowly.

Hydergine (Ergot derivative)—0·003 to 0·006 G.

Inositol (Vitamin B group)—0·5 to 1 G.

Intocostrin (Curare)—40 to 60 Units. Wide variation according to necessity.

Isuprel hydrochloride—0·01 to 0·015 G. Sublingually or.

(Bronchial antispasmodic)—inhalation. (1 in 100 solution.)

Katoriam—15 G.

Lobeline sulph or hydrochlor (Respiratory Stimulant)—0·003 to 0·009 G.

Magnamycin—

Mannitol hexanitrate (Coronary vasodilator)—0·016 to 0·032 G. every 4 to 6 hrs.

Marfanil (Sulpha group)—Topical use.

Mebarol (Sedative, Anticonvulsant)—0·032 to 0·064 G. 0·194—0·389 G. (Adult) dose.

Meonine (Methionine)—5 to 10 G. slow intravenous drip.

Mephenesin (antispasmodic)—10 to 15 mg. per kg. body weight.

Mercuhydrin—1 to 2 tablets.

Merthiolate—Topical—

Mesantoin (Anticonvulsant)—0·2 to 0·6 G.

Methadone hydrochloride (Amidone; Physeptone) (Analgesic)—0·0025 to 0·0075 G.

Methedrine (Amphetamine)—0·002 to 0·004 G.

Methenamine (Urinary Antiseptic)—0·324 to 0·972 G.

Mathergine (Oxytocic)—0·00025 to 0·0004 G.

Metopon hydrochloride (Analgesic)—0·006 to 0·009 G. repeated only on recurrence of pain.

Milibis (Amoebecide)—0·25 to 0·75 G.

Mustargen hydrochloride (Nitrogen Mustard) (Anti-Carcinogenic)—0·0001 G. per kg. body weight.

Neogynergen (Oxytocic)—0·000375 to 0·0005 G.

Neosynephrine (Vaso-pressor)—0·001 to 0·01 G. —*By S.C. injection.*

Nisulphazole—(Rectal Sulphonamide)

N.P.H. Insulin—

Nydrazid (Isonicotinic Neohydrozid)—3-5 mg. kg.

Optalidon (Analgesic, Sedative)—0·2 to 0·3 G.

Orthogynol Gelly—(Contraseptive-vaginal).

Para-aminobenzoic acid (dietary supplement)—20 to 28 G. in divided doses.

Para-aminosalcylic Acid (Antituberculous)—6 to 20 G. in divided doses.

Parapanit (Skeletal Muscle Relaxant)—0·09 to 0·6 G.

Parathyriod Extract Solution—100 to 300 units U.S.P.

Paredrine hydrobromide (Sympathomemetic agent)—1 per cent nasal decongestant and mydriatic.

Pencillinase—Diagnostic aid.

Penicillin Sulphathiazole—Topical use.

Penicillin Crystalline Sodium G Buffered—50,000 to 100,000 units.

Phanoderm (Hypnotic)—0·194 to 0·389 G.

Phenurone—2 to 3 G. daily.

Phenylindanedione—50 mg.

Potassium Thiocyanate (Hypotensive Agent)—0·389 to 0·583 G.

Pregnenolone (Steroid harmone)—0·1 to 0·3 G.

Primaquin Diphosphate—tablet (26·5 mg.) daily.

Priscoline (Vasodilater)—0·05 to 0·025 G.

Privine Hydrochloride (Nasal decongestant)—Topical—Decongestant.

Promizole (Sulphone Compound)—2 to 6 G.

Pronestyl Hydrochloride (Procaine Amide)—0·5 to 1 G.

Propadrine Hydrochloride (Sympatho memetic)—0·025 to 0·05 G.

Protamine Sulphate (Heparin Antagonist)—0·005 G. per kg. body weight.

Protein Hydrolysate—According to needs.

Pyrethrum ointment (Scabecide, repellant)—
Pyribenzamine (Antihistaminic)—0·05 to 1 G.
Resinat—0·5 G. every two hours.
Rubramin (Vitamin B 12)—15 to 30 microgram.
Rutin (Vitamin P Factor)—0·02 to 0·03 G.
Sandoptol (Hypnotic)—0·2 to 0·4 G.
Scarlet Red (Tissue Stimulant)—Topically.
Sodium morrhuate—Sclerosing agent.
Sulphatraid (Sulpha compound)—2 - 4 G.
Takadiastase—0·324 - 1 G.
Tannalbin (Astringent)—0·3 to 1 G. 1 to 2 G. (Adult's).
Terramycin (Antibiotic)—0·05 to 0·1 G.
Tetraethylammonium chloride (Ganglion Blocking Agent)—2 to 4 c.c. of a 10. per cent soln. per kg. body weight.
Theominal—0·3 - 0·5 G.
Thiophorin (Antihistaminic)—0·025 to 0·05 G.
Thiocol Syrup (Expectorant)—2 - 4 c.c.
Thiomerin sodium (Mercurial diuretic)—0·5 - 2 c.c.
Tibione (Tuberculostatic agent)—0·1 - 0·2 G.
Tocopherols (Vitamine E)—0·05 - 0·075 G.
Trasentine (Antispomodic)—0·075 - 0·15 G.
Tridione (Anti convulsant)—0·5 - 2 G. in divided doses.
Trimeton (Antihistamine)—0·025 - 0·05 G.

Tromexan (Anticoagulant)—0·15 - 0·3 G.

Tuamine—Topical, Nasal decongestant.

Tuinal (Barbiturate)—0·097 - 0·194 G.

Tyrothricin (Antibiotic)—Topical.

Undesilin (Fungicidal)—Topical.

Veratrone (Hypotensive Agent)—0·0025 - 0·005 G.

Vioform (Iodo - Quinoline Compound)—1·5 - 3 G. also topical.

Zephiran Chloride—Topical, detergent.

MADRAS GENERAL HOSPITAL FORMULÆ.

GENERAL.

1 Cataplasma Lini B.P.C. (Linseed Poultice).

Take of

Crushed Linseed	4 oz.
Boiling water	10 fl. oz.

2 Cataplasma Sinapis B.P.C. (Mustard Poultice).

Take of

Crushed Linseed	4 oz.
Mustard Powder	125 gr.
Water	10 fl. oz.

Add the linseed gradually to about 10 fl. oz. of boiling water. Cool it and then add the mustard, previously rubbed to a smooth paste with a little cold or tepid water. The mustard paste may be spread on the surface of the linseed poultice if stronger action be desired.

3 Collunarium Alkalinum (Alkaline nose-wash).

Take of

Sodium Bicarbonate	.. ..	Each equal parts.
Borax	.. ..	
Sodium Chloride	.. ..	
White Sugar	.. .. ..	

A teaspoonful to 10 oz. of water to make the solution.

4 Emulsio Paraffini et Kaolini.

Take of

Liquid Paraffin	.. .. ..	2 fl. drs.
Kaolin	.. ..	80 gr.
Mucilage of Acacia	.. ..	Sufficient quantity.
Water to	.. .. ..	1 fl. oz.

Emulsify.

Dose—1 fl. oz.

5 Enema Amyli.

Take of

Starch	.. ..	2 drs.
Water to	.. .. ..	5 fl. oz.

Mix.

6 Enema Chiniofoni.

½ to 2½ per cent solution of Chiniofonum.
Dose—6 to 8 fl. oz. as a retention enema preceded by Sodium Bicarbonate 2½ per cent bowel wash.

7 Enema Glycerini.

Take of

Glycerin	.. ..	4 fl. drs.
Water	.. ..	1 fl. oz.

Mix.

8 Enema Glucose.

Take of

Liquid glucose	.. .. ..	½ oz.
Half normal saline	to	20 fl. oz.

(preferably given as drip.) Mix.

9 Enema Oleum Olivæ.

Olive oil 4 to 6 fl. oz. (warm) followed 2 to 3 hours later by enema saponis.

10 Enema Paraldehydum.

Take of

Paraldehyde	..	..	..	1 to 4 fl. drs.
Olive oil	..	..	..	2 fl. oz.

Mix.

11 Enema Saponis.

Take of

Soft Soap	..	..	..	1 oz.
Water to	..	..	..	24 fl. oz.

Mix.

12 Enema Acid Tannici.

Take of

Acid Tannic	..	..	..	1 dr.
Water to	..	..	..	20 fl. oz.

Mix.

13 Enema Terebinthinæ.

Take of

Castor oil	..	..	..	$\frac{1}{2}$ fl. oz.
Oil of Turpentine		..	..	1 fl. oz.
Starch Mucilage to		..	..	20 fl. oz.

Mix.

14 Gargarisma Potassii Chloratis.

Take of

Potassium Chlorate		..	..	10 gr.
Glycerin ..	..	..	..	15 m.
Water to	..	..	..	1 fl. oz.

Mix.

15 Gargarisma Potassii Permanganatis.

Take of

Potassium Permanganate			..	10 gr.
Water to	..	..	..	20 fl. oz.

Mix.

16 Glycerinum Acidi Borici Rectificati.

Take of

Boric Acid	.. .. ..	2 drs.
Rectified Spirit	.. .. ..	2 fl. drs.
Glycerin to	.. .. ..	1 fl. oz.

Mix.

17 Glycerinum Ferri Perchloridi.

Take of

Solution of Ferric Chloride	..	Equal parts.
Glycerin	.. ..	

Mix.

18 Guttæ Acidi Borici.

Take of

Boric Acid	.. .. ..	10 gr.
Rectified Spirit	.. ..	1 fl. oz.

Mix.

19 Guttæ Acidi Borici Co.

Take of

Boric Acid	.. .. ..	10 gr.
Solution of Hydrogen Peroxide		½ fl. oz.
Rectified Spirit	.. .. ..	½ fl. oz.

Mix.

20 Guttæ Atropinæ (Atropine eyedrops).

Is a 1 per cent solution of atropine sulphate in sterilized distilled water—approximately 4 grains in 1 fluid ounce.

21 Guttæ Homatropinæ B.P.C. (Homatropine eyedrops 1 per cent).

22 Haustus Chloralis et Bromidia (Chloral and Bromide draught).

Take of

Chloral Hydrate	.. ..	10 gr.
Potassium Bromide	.. ..	20 gr.
Syrup of Orange	.. ..	1 fl. dr.
Water to	.. .. ..	1 fl. oz.

Mix.

23 Haustus Filicis (Draught of Male Fern).

Take of

Extract of Male Fern	1 fl. dr.
Syrup of Ginger	1 fl. dr.
Mucilage of Acacia	Sufficient quantity.
Water to	1 fl. oz.

Emulsify.

24 Haustus Paraldehydun (Paraldehyde Draught).

Take of

Paraldehyde	1 fl. dr.
Syrup of Orange	1 fl. dr.
Water to	1 fl. oz.

Mix.

25 Injectio Atropinæ Morphinæ et Hyoscine.

Take of

Atropine Sulphate	1/120 gr.
Hyoscine Hydrobromide ..	1/150 gr.
Morphine Tartarate	1/6 gr.
Distilled Water sterilized ..	⅓ c.c. (8 min. approxly).

Dose—4 to 8 min. hypodermically. Dissolve.

26 Injectio Saline Modificatus (Locke's solu tion).

Take of

Sodium Chloride	100 gr.
Potassium Chloride	5 gr.
Calcium Chloride	2½ gr.
Sodium Bicarbonate	5 gr.
Dextrose	10 gr.
Distilled Water sterilized to ..	20 fl. oz.

Dissolve.

27 Injectio Sodii Sulphatis.

Take of

Sodium Sulphate	6 drs. 26 gr.
Distilled Water sterilized to ..	20 fl. oz.

Dissolve.

Dose—1 to 2 pints.

28 Linctus Camphoræ Co.

Take of

Camphorated Tincture of Opium.	Each 20 min.
Oxymel of Squill	
Syrup of Tolu	

Mix.

Dose—1 fl. drachm.

29 Linctus Codeinæ.

Take of

Syrup of Codeine Phosphate ..	Each equal parts.
Syrup of Wild Cherry Bark ..	

Mix.

Dose—1 to 2 fl. drachms.

30 Linctus Codeinæ et Heroini.

Take of

Heroin Hydrochloride	1/18 gr.
Syrup of Codeine Phosphate ..	½ fl. dr.
Spirit of Chloroform	10 min.
Glycerin to	1 fl. dr.

31 Linctus Heroini.

Take of

Heroin Hydrochloride	4 gr.
Simple Syrup	3 fl. oz.
Glycerin	3 fl. oz.

Mix.

Dose—1 fl. drachm.

32 Liquor Ephedrinæ.

Take of

Ephedrine Hydrochloride ..	¼ gr.
Distilled Water to	1 fl. dr.

Mix.

Dose—1 fl. dr.

33 Lotio Acidi Borici.

Take of

Boric Acid	10 gr.
Boiling Distilled Water to ..	1 fl. oz.

Dissolve.

34 Lotio Acidi Hypochlorici Co: (Eusol Lotio).

Take of

Boric Acid	2 drs.
Chlorinated Lime	2 drs.
Water to	20 fl. oz.

Mix and allow to stand for an hour at least. Decant the supernatant liquid.

35 Lotio Acidi Picrici Alcoholicum.

Take of

Picric Acid	80 gr.
Rectified Spirit to	20 fl. oz.

Mix.

36 Lotio Acidi Tannici.

Take of

Tannic Acid	225 gr.
Sterilized Water to	20 fl. oz.

Mix.

37 Lotio Evaporans.

Take of

Ammonium Chloride	180 gr.
Vinegar	2 fl. oz.
Rectified Spirit	1 fl. oz.
Water to	10 fl. oz.

Dissolve.

38 Lotio Plumbi.

Take of

Strong Solution of Lead Sub-acetate	3 fl. drs.
Water to	20 fl. oz.

Mix.

39 Lotio Potassii Permanganatis.

Take of

1 per cent Solution of Potassium Permanganate	4 fl. drs.
Water to	20 fl. oz.

Mix.

40 Lotio Rubri.

Take of

Zinc Sulphate	2 gr.
Compound Tincture of Lavender.	10 min.
Water to	1 fl. oz.

Mix.

41 Lotio Zinci Chloridi.

Take of

Zinc Chloride	20 gr.
Water to	1 fl. oz.

Mix.

It is an efficient substitute for carbolic acid in syringing offensive pus cavities, sinuses, foul ulcers, etc.

42 Mistura Acidi cum Nucis Vomicæ (Mist. Acid Tonic).

Take of

Dilute Nitro-hydrochloric Acid.	20 min.
Tincture of Nux Vomica ..	10 min.
Compound Tincture of Gentian.	30 min.
Water to	1 fl. oz.

Mix.

Dose—½ to 1 fl. oz.

43 Mistura Acidi cum Nucis Vomicæ et Pepsinæ.

Take of

Dilute Nitro-hydrochloric Acid.	10 min.
Tincture of Nux Vomica ..	10 min.
Glycerin of Pepsin	1 fl. dr.
Compound Tincture of Gentian.	30 min.
Water to	1 fl. oz.

Mix.

Dose—1 fl. oz.

44 Mistura Alba.

Take of

Light Magnesium Carbonate	10 gr.
Magnesium Sulphate	2 drs.
Peppermint Water to	1 fl. oz.

Mix.

Dose—1 to 3 fl. oz.

45 Mistura Ammonium Chloride.

Take of

Ammonium Chloride ..	30 gr.
Liquid Extract of liquorice ..	30 min.
Water to	1 fl. oz.

Dose—1 fl. oz.

46 Mistura Asthmatica.

Take of

Potassium Iodide	5 gr.
Ammonium Carbonate ..	5 gr.
Potassium Bromide	10 gr.
Tincture of Stramonium ..	10 min.
Ethereal Tincture of Lobelia ..	15 min.
Spirit of Chloroform	10 min.
Camphor Water to	1 fl. oz.

Mix.

Dose—1 fl. oz.

Alternative (Naine and Davidsons).

Ephedrine	½ gr.
Potassium Iodide	2 gr.
Tincture Strammonium ..	10 min.
Ext. Glycyrrhizae liq. ..	½ fl. dr.
Aqua anisito	1 fl. oz.

Dose—1 fl. oz. t.d.s.

47 Mistura Bismuthi.

Take of

Bismuth Carbonate	20 gr.
Sodium Bicarbonate	10 gr.
Peppermint Water to	1 fl. oz.

Mix.

Dose—1 fl. oz.

48 Mistura Calcii Lactais.

Take of

Calcium lactate	20 gr.
Simple Syrup	1 fl. dr.
Water to	1 fl. oz.

Mix.

Dose—½ to 1 fl. oz.

49 Mistura Carminativa.

Take of

Sodium Bicarbonate	15 gr.
Aromatic Spirit of Ammonia ..	15 min.
Compound Tincture of Cardamom	30 min.
Tincture of Ginger	10 min.
Spirit of Chloroform	15 min.
Peppermint Water to	1 fl. oz.
	Mix.

Dose—1 fl. oz.

50 Mistura Diaphoretica.

Take of

Solution of Ammonium Citrate.	2 fl. dr.
Potassium Citrate	20 gr.
Spirit of Nitrous Ether ..	20 min.
Aromatic Spirit of Ammonia ..	20 min.
Liquid Glucose	1 fl. dr.
Water to	1 fl. oz.
	Mix.

Dose—1 fl. oz.

51 Mistura Alkalina.

Take of

Potassium Citrate	30 gr.
Potassium Bicarbonate ..	30 gr.
Water to	1 fl. oz.
	Mix.

Dose—1 fl. oz.

52 Mistura Ferri Phosphatis.

Take of

Ferrous Sulphate	3 gr.
Acid Phosphoric Dil	15 min.
Tincture of Nux Vomica ..	10 min.
Compound Tincture of Gentian	30 min.
Water to	1 fl. oz.
	Mix.

Dose—1 fl. oz.

53 Mistura Ferri Sulphas.

Take of

Ferrous Sulphate	5 gr.
Dilute Sulphuric Acid	10 min.
Liquid Glucose	1 fl. dr.
Peppermint Water to	1 fl. oz.

Mix.

Dose—1 fl. oz.

54 Mistura Heporal.

Take of

Shark Liver Oil (Heporal) ..	2 fl. drs.
Gum Acacia	30 gr.
Pulvis Tragacanth	$7\frac{1}{2}$ gr.
Sodium Benzoate	$\frac{1}{2}$ gr.
Peppermint Water to	1 fl. oz.

Emulsify.

Dose—1 fl. oz.

55 Mistura Ipecacuanhæ Infant.

Take of

Ammonium Carbonate	4 gr.
Tincture of Ipecacuanha ..	25 min.
Syrup of Tolu	2 fl. drs.
Cinnamon Water to	1 fl. oz.

Mix.

Dose—1 fl. dr.

56 Mistura Olei Ricini.

Take of

Castor Oil	2 fl. drs.
Mucilage of Acacia	Sufficient quantity.
Cinnamon Water to	1 fl. oz.

Emulsify.

Dose—1 fl. oz.

57 Mistura Potassii Iodidi.

Take of

Potassium Iodide	15 gr.
Sodium Bicarbonate	10 gr.
Aromatic Spirit of Ammonia ..	20 min.
Compound Tincture of Gentian.	15 min.
Water to	1 fl. oz.

Mix.

Dose—1 fl. oz.

58 Mistura Quininæ.

Take of

Quinine Sulphate	10 gr.
Dilute Sulphuric Acid	15 min.
Syrup of Orange	1 fl. dr.
Water to	1 fl. oz.

Mix.

Dose—1 fl. oz.

59 Mistura Quininæ Effervescence.

Mixture A.

Take of

Quinine Sulphate	5 gr.
Citric Acid	20 gr.
Water to	½ fl. oz.

Mix.

Mixture B.

Take of

Sodium Citrate	60 gr.
Sodium Bicarbonate	30 gr.
Peppermint Water to	1 fl. oz.

Dose—½ fl. oz. of A to be mixed with 1 fl. oz. of B and taken immediately while effervescing.

60 Mistura Sedative Expectorans.

Take of

Sodium Bicarbonate	10 gr.
Tincture of Ipecacuanha ..	10 min.
Camphorated Tincture of Opium	20 min.
Spirit of Chloroform	10 min.
Anisi Water to	1 fl. oz.
	Mix.

Dose—1 fl. oz.

61 Mistura Sodii Salicylatis.

Take of

Sodium Salicylate	10 gr.
Sodium Bicarbonate	20 gr.
Liquid Extract of Liquorice ..	5 min.
Tincture of Ginger	10 min.
Aromatic Spirit of Ammonia ..	30 min.
Water to	1 fl. oz.
	Mix.

Dose—1 fl. oz.

62 Mistura Stimulans.

Take of

Aromatic Spirit of Ammonia ..	30 min.
Spirit of Ether	30 min.
Camphorated Water to ..	1 fl. oz.
	Mix.

Dose—1 fl. oz.

63 Mistura Sulphatis Triplicis.

Take of

Quinine Sulphate	2 gr.
Ferrous Sulphate	3 gr.
Magnesium Sulphate	30 gr.
Dilute Sulphuric Acid	5 min.
Liquid Glucose	1 fl. dr.
Arsenical Solution	2 min.
Peppermint Water to	1 fl. oz.
	Mix.

Dose—1 fl. oz.

64 Mistura Totaquina.

Take of

Totaquinine	5 gr.
Dilute Hydrochloric Acid ..	15 min.
Water to	1 fl. oz.

Mix.

Dose—1 fl. oz.

65 Pigmentum Iodi (Mandl's Paint).

Take of

Iodine	6 gr.
Potassium Iodide	20 gr.
Peppermint Oil	3 min.
Glycerin to	1 fl. oz.

Mix.

66 Pilula Asthmatica.

Take of

Ephedrine Hydrochloride ..	$\frac{1}{4}$ gr.
Phenobarbitone	$\frac{1}{4}$ gr.
Aminophylline	$1\frac{1}{2}$ gr.
Extract of Gentian	Sufficient quantity.

Mix for 1 pill.

Dose—1 to 2 pills.

67 Pilula Hydrargyri Diuretica (Guy's Pill).

Take of

Pill of Mercury	1 gr.
Powdered Squill	1 gr.
Powdered Digitalis	1 gr.
Extract of Hyoscyamus ..	$\frac{1}{2}$ gr.
Extract of Gentian	Sufficient quantity.

Mix for 1 pill.

Dose—1 to 2 pills.

68 Potus Imperialis (Imperial drink).

Take of

Lemon	2
Sugar	2 oz.
Water to	20 oz.

Squeeze the lemon in the sugar water.

69 **Pulvis Magnesii Trisilicatis.**

Take of

Magnesium Trisilicate ..	36 gr.

One powder.

Dose—1 powder.

70 **Pulvis Santonini Co.**

Take of

Santonin	2 gr.
Mercury with Chalk	2 gr.
Powdered Ginger	4 gr.

Mix and make one powder.

71 **Solution Harrington.**

Take of

Perchloride of Mercury ..	15 gr.
Hydrochloric Acid Pure ..	2 fl. oz.
Rectified Spirit	21 fl. oz.
Methylene Blue 2 % Solution.	35 min.
Water to	33 fl. oz.

Mix.

72 **Syrupus Codeinæ Phosphatis.**

Take of

Codeine Phosphate	2 gr.
Distilled Water	8 min.
Simple Syrup to	1 fl. oz.

Mix.

Dose—½ to 2 fl. dr.

DERMATOLOGICAL SECTION.

1 **Cataplasma Boro-Amyli.**

Take of

Boric Acid	1 dr.
Starch Powder	1 oz.
Boiling Water to	20 fl. oz.

Mix.

2 **Cremor Zinci.**

Take of

Zinc Oxide	1 oz.
Hydrous Wool Fat	2 drs.
Solution of Calcium Hydroxide.	11 fl. drs.
Olive Oil	11 fl. drs.

Mix.

3 Emplastra.

Salicylic Acid Plaster .. .. 10 per cent.

4 Linimentum Calaminæ.

Take of

Prepared Calamina	40 gr.
Zinc Oxide	20 gr.
Lime Water	Each ½ fl. oz.
Gingelly Oil	
	Mix.

5 Lotio Aluminii Co.

Take of

Purified Alum	5 gr.
Strong Solution of Lead Subacetate	1 fl. dr.
Water to	1 fl. oz.
	Mix.

6 Lotio Calaminæ.

Take of

Prepared Calamina	400 gr.
Zinc Oxide	400 gr.
Glycerin	1 fl. oz.
Solution of Calcium Hydroxide.	2½ fl. drs.
Water to	20 fl. oz.
	Mix.

7 Lotio Cupri et Zinci Sulphas.

Take of

Copper Sulphate	5 gr.
Zinc Sulphate	5 gr.
Water to	1 fl. oz
	Mix.

8 Lotio Sulphuris cum Zinco.

Take of

Zinc Sulphate	Each 15 gr.
Precipitated Sulphur	
Sulphurated Potash	
Water to	1 fl. oz.
	Mix.

9 Lotio Excitans.

Take of

Mercuric Chloride	10 gr.
Glacial Acetic Acid	½ fl. dr.
Chloral Hydrate	3 drs.
Tincture of Cantharidin ..	1 fl. oz.
Alcohol (60 per cent) to ..	20 fl. oz.

Mix.

10 Lotio Stimulans.

Take of

Tincture of Cantharidin ..	½ fl. dr.
Strong Solution of Ammonia ..	½ fl. dr.
Glycerin	1 fl. dr.
Distilled Water to	1 fl. oz.

Mix.

11 Lotio Sulphuris cum Acido Salicylico.

Take of

Salicylic Acid	10 gr.
Precipitated Sulphur	20 gr.
Glycerin	20 min.
Borax	25 gr.
Solution of Calcium Hydroxide.	1 fl. oz.

Mix.

12 Mistura Alkalina Aperiens.

Take of

Tincture of Capsicum	½ min.
Sodium Sulphate	10 gr.
Magnesium Sulphate	30 gr.
Sodium Bicarbonate	5 gr.
Infusion of Cloves to	1 fl. oz.

Mix.

13 Mistura Hydrargyri Perchloridi.

Take of

Solution of Mercuric Chloride.	10 min.
Dilute Nitric Acid	5 min.
Compound Infusion of Gentian to	1 fl. oz.

Mix.

Dose—1 fl. oz.

14 Pasta Acidi Salicylici (Lassar's Paste).

Take of

Zinc Oxide	2 drs.
Starch	2 drs.
Salicylic Acid	10 gr.
Yellow Soft Paraffin	4 drs.

Mix and make paste.

15 Pasta Zinci.

Take of

Zinc Oxide	Each 2 drs.
Starch	
Lanolin	
Yellow Soft Paraffin to ..	1 oz.

Mix and make paste.

16 Pigmentum Chrysorobini.

Take of

Chrysorobin	1 dr.
Ether	Each sufficient quantity.
Rectified Spirit	
Flexible Collodion to	1 fl. oz.

Mix.

17 Pigmentum Picis.

Take of

Prepared Coal Tar	1 dr.
Acetone to	1 fl. oz.

Mix

18 Pulvis Zinci Oxidi Co. (Dusting Powder).

Take of

Zinc Oxide	2 drs.
Boric Acid	2 drs.
Starch	4 drs.

Mix and make powder.

19 Unguentum Acidi Carbolici cum Mentholis.

Take of

Carbolic Acid	10 gr.
Menthol	5 gr.
Zinc Oxide	30 gr.
Lanolin	2 drs.
Yellow Soft Paraffin to ..	1 oz.

Mix.

20 Unguentum Acidi Salicyli cum Sulphuræ.

Take of

Salicylic Acid	10 gr.
Precipitated Sulphur	15 gr.
Yellow Soft Paraffin to	1 oz.

Mix.

21 Unguentum Acidi Salicylici Co. (Whitfield's Ointment).

Take of

Salicylic Acid	1 dr.
Benzoic Acid	1 dr.
Coconut Oil	1½ fl. oz.
Yellow Soft Paraffin to ..	2 oz.

Mix.

22 Unguentum Anti-Scabies (Danish Ointment for Scabies).

(1) Sublimed Sulphur 2 lb. and 3¼ ounces to be dissolved in 50 per cent solution of Potassium Hydroxide with gentle heat.

(2) 225 grammes or 7 ounces and 2 drachms of Vaseline and 225 grammes or 7 ounces and 2 drachms of Lanolin to be mixed together without heating.

375 grammes or 12 ounces of No. (1) solution to be added to No. (2).

28 grammes or 7 drachms of Zinc Sulphate and 40 grammes or 1 ounce and 2 drachms of 20 per cent solution of Sodium Hydroxide to be made into a solution and to be added to the ointment.

The ointment to be weighed and the whole amount must be brought to 1,000 grammes by adding Liquid Paraffin in sufficient quantity.

One drachm and 15 minims of Benzaldehyde is added to the ointment to mask the smell.

N.B.—(1) Fifty per cent solution of Potassium Hydroxide is prepared by adding 2 lb. and 3¼ ounces of Potassium Hydroxide to 4 lb. and 6½ ounces of water.

(2) Twenty per cent solution of Sodium Hydroxide is made by adding 112 grains of Sodium Hydroxide to 1 ounce and 1 drachm of water.

(3) The quantity of Liquid Paraffin to be added according to formula will be 6 ounces and 5 drachms.

23 Solution of Methylene Blue.

Take of

Silver Nitrate	5 gr.
Methylene Blue	5 gr.
Water to	1 oz.

Mix.

24 Unguentum Calaminæ Compositum.

Take of

Prepared Calamine	Each 1 dr.
Zinc Oxide	
Bismuth Carbonate	
Hydrous Wool Fat	Each 3 drs.
Yellow Soft Paraffin	

Mix.

25 Unguentum Chrysarobini Compositum.

Take of

Chrysarobin	.. .. ..	25 gr.
Ichthyol	.. ..	26 gr.
Salicylic Acid	.. .. ..	20 gr.
Yellow Soft Paraffin to	..	1 oz.

Mix.

26 Unguentum Crude Coal Tar.

Take of

Crude Coal Tar	.. .. ..	1 dr.
Zinc Oxide	.. .. ..	3 drs.
Lanolin	.. ..	Each ½ oz.
Yellow Soft Paraffin	.. ..	

Mix.

27 Unguentum Methylene Blue Compositum.

Take of

Methylene Blue	.. .. ..	5 gr.
Ammoniated Mercury	.. ..	5 gr.
Yellow Soft Paraffin to	..	1 oz.

Mix.

28 Unguentum Diachyli (Hebræ).

Take of

Plaster of Lead	.. .. ..	Each equal parts.
Yellow Soft Paraffin	.. ..	

Mix.

29 Unguentum Hydrargyri et Sulphuris.

Take of

Ammoniated Mercury	.. ..	5 gr.
Precipitated Sulphur	.. ..	10 gr.
Yellow Soft Paraffin to	..	1 oz.

Mix.

30 Unguentum Petroleii Compositum.

Take of

Alcoholic Solution of common coal tar (Liquor Carbon Detergens)	1 fl. dr.
Ammoniated Mercury	20 gr.
Salicylic Acid	10 gr.
Paraffin Ointment to	1 oz.

Mix.

31 Unguentum Picis Compositum (White).

Take of

Prepared Coal Tar	1 part.
Zinc Oxide	1 part.
Starch	8 parts.
Yellow Soft Paraffin	8 parts.

Mix.

32 Unguentum Resorcini Compositum.

Take of

Resorcin	Each 20 gr.
Zinc Oxide	(each 20 gr.)
Starch	(each 20 gr.)
Yellow Soft Paraffin to ..	1 oz.

Mix.

33 Unguentum Scarlet Red (1 in 50).

Take of

Scarlet Red	9 gr.
Rectified Spirit	38 mins. (to dissolve Scarlet Red).
Soft Soap to	1 oz.

Mix.

34 Unguentum Whitfield Co.

Take of

Chloral hydrate	5 gr.
Whitfield Ointment to ..	1 oz.

Mix

35 Unguentum Whitfield et Tar.

Take of

Alcoholic Solution of common coal tar (Liquor Carbon Detergens)	.. .. ..	1 fl. dr.
Whitfield Ointment to	..	1 oz.
		Mix.

36 Benzylis Benzoas Cream.

Take of

Benzyle Benzoate Soft Soap	..	each $1\frac{1}{2}$ oz.
Zinc Oxide and Calamina	..	each 1 oz.
Lime water to	.. .. ..	6 oz.
		Emulsify.

VENEREAL SECTION

I. Syphilis.

Procaine Penicillin G in oil with 2 per cent Aluminium Monestearate should be the preparation of choice in the treatment of Syphllis.

The following schedules are recommended for different categories of infections of syphilis :—

1. Sero Negative—Primary Syphilis.	2·4 mega units.
2. Sero Positive—Primary Syphilis, Early, Secondary and Relapsing Syphilis.	4·8 mega units.
3. Late Benign and Latent Syphilis.	4·8 mega units.
4. Cardio-Vascular Syphilis and Central Nervous System Syphilis.	6 mega units.

In early infectious syphilis including primary, secondary and relapsing types, the total dosage of Penicillin recommended, may be divided into three injections consisting of one-half of the total dose on the first day and 600,000 units on succeeding days either daily or on alternate days.

The treatment with Penicillin in all the other forms of Syphilis Late, Latent, Cardio-Vascular and Central Nervous System should be spread over a longer period of time at the rate of 600,000 units daily.

In pre-natal infantile syphilis and acquired syphilis in children under 5 years, the schedule of treatment is 1 cc. daily for 8 days.

In older children and adolescents with acquired syphilis or late congenital syphilis, the total dosage is the same as per adults.

All such infectious contacts of infectious cases should receive an epidemiological dose of 1·2 mega units as a single shot therapy. In Cardio-Vascular Syphilis it is safer to start treatment with a slowly acting drug like Bismuth for a few weeks before commencing treatment with Penicillin. This is to avoid any possible Jarisch Herrheimer reaction. In certain types of Syphilis such as Interstitial Keratitis, Primary Optic Atrophy and Paresis, the combination of Penicillin and Malarial therapy is recommended.

II. Gonorrhœa.

Uncomplicated Gonorrhœa—600,000 units of PAM in oil 2 cc. (I.M.) in one injection.

Complicated Gonorrhœa—1·2 mega units of PAM 1 cc. (I.M.) daily for 4 days with or without fever therapy.

III. Soft Sores.

Sulphonamide tablets (0·5 G) 3 t.d.s. for 7 days. Mist. Alkaline oz. i t.d.s.

IV. Granuloma Venereum.

Streptomycin gram 1 B.D. (I.M.) for 10 days. Total 20 grams. If no response to above treatment, any of the other antibiotics—Aureomycin, Chloromycetin, Terramycin may be given in the following manner :—

Two capsules every 6 hours. Total 80 capsules : each capsule. 250 mgm.

V. Lymphogranuloma venereum.

Sulphonamide tablets (0·5 G) 3 t.d.s. for 7 days. Mist. Alkaline oz. i. t.d.s. Aureomycin, Chloromycetin, Terramycin may be given. Same dosage as for Granuloma Venereum.

VI. Condyloma Acuminata.

20 p.c. suspension of Podophyllin in ethyl alcohol for local application.

PEDIATRICS.

Useful formulas in everyday practice of pediatrics.

15 Grains	1 gram.
15 Minims	1 cc.
5 cc.	1 teaspoon.

1. Elixir of Ferrous Sulphate (Stock solution for hospital or institutional care).

	GM. or CC.
(1) Ferrous sulphate	47·0
(2) Spirit of peppermint	10·0
(3) Alcohol	50·0
(4) Syrup of citric acid	650·0
(5) Distilled water to make ..	1,000·0

Warm 200 cc. of 5, add 100 cc. of 4 and then dissolve 1.

Add remainder of 4, 2, 3 and sufficient of 5 to make 1,000 cc.

[Exceptionally pleasant tasting, disguising the astringency of ferrous sulphate. Each avarage teaspoonful (5 cc.) contains 2 grains of anhydrous ferrous sulphate. Ferrous iron is stabilized by the citric acid in the syrup. Comparatively inexpensive.]

2. For individual prescriptions, the following is recommended :—

	GM. or CC.
Ferrous sulphate	36·0
Distilled water	45·0
Spirit of peppermint	8·0
Solution of amaranth	4·0
Syrup of citric acid to make ..	480·0

One teaspoonful contains approximately 2·5 grains of anhydrous ferrous sulphate.

3. Acetyl salicylic acid in solution.

	GM. or CC.
(1) Acetylsalicylic acid	2·0
(2) Potassium Citrate	6·0
(3) Distilled water	10·0
(4) Syrup of Cherry or Syrup of Peppermint to make.	80·0

A soluble complex is formed when the ratio of three parts of potassium Citrate to one part of acetylsalicylic acid is maintained. This offers a convenient method of administering aspirin to small children. The preparation should be prescribed in limited quantity to meet the immediate needs as the aspirin complex slowly decomposes. Each teaspoonful contains approximately 2 grains of aspirin.

4. Diarrhoeal mixture.

	GM. or CC.
Prepared chalk	7·5
Bismuth sub-carbonate.. ..	7·5
Camphorated tincture of opium.	15·0
Simple syrup to make	90·0

Twenty teaspoonful doses containing 11–12 minims of camphorated tincture of opium per dose.

5. Hartmann's sodium lactate solution (Oral) (concentrated ten times). Stock solution.

		cc.
(1)	Sodium Hydroxide (10 per cent solution).	20·0
(2)	Lactic Acid U.S.P.	15·0
(3)	Syrup of Cherry to make ..	100·0

For oral alkali and fluid replacement in profuse diarrhœas.

Mix well. This should be diluted (1 : 10) with water before using. It may be more convenient to dilute (1 : 10) and freeze in an ice tray as ice cubes. These may be served as cracked ice.

Dosage.—One to three fluid ounces of diluted solution per dose. Ten to 20 fluid ounces per day.

6. For treatment of infected intentriginous areas in infants and children.

		GM. or CC.
(1)	Menthol	0·5
(2)	Liquefied phanol	0·5
(3)	Mercury sulphide	1·0
(4)	Resorcin	1·0
(5)	Solution of coal tar	1·0
(6)	Magna of bentonite	..

Antiseptic and fungistatic; anti-eczematous; relieves irritation and itching.

Calamine lotion to make 92·0

Dissolve 1, 2 and 4 in 5. Triturate 3 with a portion of 6.

Mix and add 6 to make required volume.

7. Liquid Powder (a protective coating for irritated skin surfaces). Useful in Diaper Dermatitis.

		gm. or cc.
(1)	Zinc oxide	15·0
(2)	Talc	15·0
(3)	Glycerin	15·0
(4)	Water	55·0

Mix 1 and 2 intimately with 3. Add 4, add mix well.

8. Diaper rash pastes.

Bismuth Sub-nitrate ..	2 dr.
Balsam of Peru	1 dr.
Castor oil	1 dr.
Petrolatum	4 dr.

9. Seborrhea ointment.

Sulphur ppt.	1 gm. (gr. XV)
Salicylic acid	1 gm. (gr. XV)
Aquaphor q.s. ad	30 gm. (oz. 1)

(For tender skins, half the amounts of Sulphur and Salicylic Acid should be used to determine the tolerance.)

10. Seborrheic Lotion.

Camphor	4 gm. (dr. i)
Boric Acid	do.
Salicylic Acid	2 gm. (dr. ss,)
Solution Coal Tar	10 cc. (dr. ii ss.)
Castor Oil	5 cc. (dr. i)

Alcohol (95 per cent) q.s. ad. 180 cc. (oz. vi).

11. Coal tar (Crude) Ointment (8) per cent eczema.

Crude Coal Tar	8 gm. (dr. ii)
Zinc Oxide	8 gm. (dr. ii)
Starch	64 gm. (oz. ii)
Petrolatum q.s. ad ..	120 gm. (oz. iv)

Sig.—Apply to skin twice daily with tongue depressors or other applicators to avoid producing felliculitis on the attendant's hands. *Do not* bandage. Remove all traces of each application with olive oil after 12 hours. Work the zinc oxide into it, let stand 48 hours and then add the starch and petrolatum. If the product is green, it should not be used. A five per cent crude coal tar ointment containing 25 per cent each of starch and zinc oxide ointment also is recommended. For dry eczema, the starch should be reduced or eliminated.

12. Ear Lotion.

Alcohol	4 cc. (dr. i)
Hydrogen Peroxide ..	do.
Beric acid (Saturated Solution).	16 cc. (dr. iv)
Water q.s. ad.	30 cc. (oz. i)

13. Ear ache drops.

	GM. or CC.
(1) Benzocaine	1·0
(2) Antipyrine	5·0
(3) Glycerin	94·0

Warm (3) and dissolve (1) and (2) by agitation.

SOLUTIONS IN ACIDOSIS, ALKALOSIS, ETC.

Ringer Lactate Solution.

Lactic acid	..	..	23 minims.
Solution of Sodium Hydroxide q.s. to neutralise.			
Sodium chloride	..	..	52½ grains.
Potassium chloride	..	..	3½ grains.
Calcium chloride	..	..	1¾ grains.

Dissolve above in 80 cc. of water and put into four ampoules of 20 cc. each. On the label, it should be mentioned that 4 ampoules should be dissolved in 500 cc. of water to make a pint of Ringer Lactate Solution.

Molar Lactate Solution.

Concentrated Lactic acid (10 molar) is neutralised with 50 per cent Na OH using Phenol red as indicator. Dilute 8 times with distilled water and keep boiling *slowly* for 30–40 minutes adding alkali until a permanent pink colour is obtained. Put in hard glass ampoules (20 cc.). Label—one ampoule in 100 cc. of distilled water—M/6 molar lactate.

Darrow's Solution.

Potassium chloride	..	..	2 grams.
Sodium chloride	..	..	3 grams.
Molar sodium lactate (as per previous formula)		..	40 cc.
Distilled water	..	..	200 cc.

Sterilize pot. and sod. Chloride by dry heat and add to 40 cc. of molar lactate and distilled water. Put in 20 cc. ampoules and write on label 12 ampoules to 500 cc. of water make Darrow's solution.

TREATMENT OF POISONING.

The methods of treatment are—

(i) Elimination of the poison, by,
  (*a*) Stomach washouts, or (*b*) emetics.
(ii) Use of antidotes,
  (*a*) Chemical, or (*b*) Pharmacological.
(iii) Administration of demulcents.
(iv) General and symptomatic treatment.

EMETICS IN COMMON USE.

When an emetic is ordered, one of the following should be given unless a special emetic is mentioned in the directions:—

(*a*) Mustard and water—A table spoon of powdered mustard stirred up in two-thirds of a tumbler of tepid water.

(*b*) Sulphate of zinc—Thirty grains dissolved in half a tumbler of warm water.
(*c*) Warm water—Given copiously.
(*d*) Common salt—Two table-spoonsfuls in 8 oz. tepid water.
(*e*) Tinctura Ipecacuanhæ, $\frac{1}{2}$ to 1 fl. oz.
(*f*) Ammonium carbonate 30 grs. in half a tumbler of water.
(*g*) Tickling of the throat.
(*h*) Apomorphine hydrochloride gr. 1/5 to gr. 1/10 hypodermically with Strychnine hydrochloride to prevent depression, if necessary.

DEMULCENT DRINKS.

Where demulcent drinks are ordered, one or more of the following may be used :—

(*a*) Albumin water or white of egg.
(*b*) Barley water.
(c) Milk.
(*d*) Olive oil.
(*e*) Oat-meal gruel—1 oz. of oat-meal in 10 oz. of water-mix and boil.
(*f*) Arrowroot.

POISONS.

Acid Carbolic, Lysol, Coal-tar Disinfectants.

Treatment .. .. Stomach wash-out with lime-water, Magnesium sulphate ($\frac{1}{2}$ oz. to a pint), or Sodium Sulphate ($\frac{1}{2}$ oz. to a pint), using *soft* rubber tube *with care* ; stimulants ; demulcents ; artificial respiration ; treat shock by warmth, etc. ; give $\frac{1}{2}$ oz. of magnesium sulphate or sodium sulphate.

Acid, Hydrocyanic, Prussic acid, Potassium Cyanide.

Treatment .. .. Great speed is necessary as this poison acts very rapidly. Stomach wash-out or emetic, preferably apomorphine (1/10 of a grain) ; stimulants, preferably, cold water douche to head and back of neck, to rouse the patient ; administer oxygen for cyanosis ; artificial respiration,

Antidotes .. .. Give immediate inhalations of amyl nitrite; inject into a vein as soon as possible 10 ml. of a 3 per cent solution of sodium nitrite, followed by 5 ml. of sodium thiosulphate (25 per cent) repeat injections in two hours, if necessary, using half dosage.

Acids, Mineral, Hydrochloric acid, Sulphuric acid, Nitric acid.

Treatment .. .. No stomach wash-out; emetic, only after neutralisation; stimulants; demulcent; treat shock by warmth, etc.; give morphine (1/8 to 1/3 gr.)

Antidotes .. .. Magnesium oxide; calcium carbonate; chalk; sodium carbonate (washing soda); wall plaster.

(For external burns with acids—wash with water and apply sodium Bicarbonate; for eye—wash well with 1 per cent sodium bicarbonate solution.)

Acid-Oxalic, Acetic, and other Organic Acids.

Treatment .. .. Stomach wash-out, using *soft* rubber with great care; emetic, only after neutralization; stimulants; demulcents; treat shock by warmth, etc., give castor oil (1 oz.) as a purge.

Antidotes .. .. Calcium carbonate; chalk; wall plaster; lime water.

Alcohol.

Treatment .. .. Stomach wash-out or emetic, using apomorphine (1/10 gr.) if coma is present or imminent; apply cold water to face and back of neck, to rouse the patient; stimulants-strong black coffee should be left in the stomach after lavage; amphetamine sulphate ($\frac{1}{2}$ gr.) repeated 4th hourly if necessary; administer oxygen for cyanosis; artificial respiration.

Alkalies, Caustic Soda, Caustic Potash, Ammonia.

Treatment .. .. No stomach wash-out; emetic, only after neutralisation; stimulants; demulcents; give morphine (1/8 to 1/3 gr.) for pain; treat shock by warmth, etc.; watch for oedema of larynx-tracheotomy when needed.

Antidotes .. .. Vinegar; lemon juice; citric acid; tartaric acid ($\frac{1}{2}$ dr. in $\frac{1}{2}$ pint of water). (For external burns with alkali—wash with diluted vinegar or lemon juice; for eyes—wash with saturated boric acid solution or water.)

Arsenic and Antimony.

Treatment .. .. Stomach wash-out or emetics (usually unnecessary for antimony, where vomiting may be encouraged by draughts of tepid water); stimulants; demulcents; give morphine (1/8 to 1/3 of gr.) for pain, and apply warmth to the abdomen; treat shock by warmth, etc.; give castor oil (1 oz.) to clear all poison out of the gut.

Antidotes .. .. Ferric hydroxide (freshly precipitated by taking 1 oz. solution or tincture of ferric choloride and adding 1 fl. oz. of ammonia or bicarbonate of soda), or two ounces dialized iron to form insoluble ferric arsenate; tannic acid (60 gr.) or glycerin of tannic acid (2 dr.) or strong tea to form insoluble antimony tannate. Begin injection of B.A.L. (2·5 to 3 mg. per kg. body weight per dose).

Aspirin.

Treatment .. .. Stomach wash-out or emetic; stimulants; give intravenous saline solution to assist elimination.

Atropine, Belladonna, Datura.

Treatment .. .. Stomach wash-out (large amounts of potassium permanganate 1 in 2,000). or emetic; stimulants; charcoal; Tannic acid; give morphine (1/3 gr.) for delirium; artificial respiration.

Antidotes .. .. Pilocarpine nitrate (1/6 to ½ gr.) hypodermically and repeat in 2 hours if necessary.

Barbiturates. Barbitone, Veronal, Medinal, etc.

Treatment .. .. Stomach wash-out or emetic; stimulants (especially hot black coffee); give strychnine 1/10 of a grain or leptazol (1 cc.) combined with ephedrine 6 gr. for collapse; and

repeat as required; administration of oxygen for cyanosis; artificial respiration; treat shock by warmth, etc.

Antidotes .. .. Only in deep coma, give picrotoxin (3 to 10 mg.) (3 to 10 c.c. of 1 in 1000 solution) IV. every hour until patient rouses; matrazol (10 per cent or 100 mg. per c.c.). give 300 mg. I.V. or I.M. as with picrotoxin.

NOTE.—Dangerous remedies, for use only in extreme cases.

7

Beryilium-Neon signs, Fluorescent Lamps, Cathode ray, Tubes, etc.

Treatment .. .. Remove patient from exposure to drug, treat with oxygen during acute phase; treat pneumonitis symptomatically; dehride and excise skin ulcers; rest and good diet.

Chloral Hydras.

Treatment .. .. Stomach wash-out or emetic; if conscious, rouse the patient by cold douche; stimulants; administer oxygen for cyanosis; artificial respiration; keep the patient lying flat and warm.

Cocaine.

Treatment .. .. Stomach wash-out or emetic (if taken by mouth); give inhalation of chloroform for convulsions; stimulants; administer oxygen for cyanosis; artificial respirations.

Copper Salts.

Treatment .. .. Give white of egg before emetic or stomach wash-out; stomach wash-out or emetic; demulcents; give morphine (1/8-1/3 gr.) for pain.

Antidote .. .. Potassium ferricyanide (1 dr.) in water.

Digitalis.

Treatment .. .. Stomach wash-out or emetic; stimulants; keep patient lying flat.

Antidotes .. .. Tannin (10 gr. in 2 oz. of water) or large draughts of strong tea or coffee; Atropine sulphate 1/50 gr.

Gases, Poisonous, Carbon Monoxide, Carbon Dioxide, Sewer Gas, Hydrogen Sulphide, etc.

Treatment .. .. Remove the patient at once to the fresh air; keep warm; administer oxygen for cyanosis or oxygen with 5 per cent carbon dioxide to stimulate respiratory centre artificial respiration (for several hours, if necessary); stimulants; venesection followed by blood transfusion may be tried.

Iodine.

Treatment .. .. Stomach wash-out (with 15 per cent sodium thiosulphate or Hypo) or emetics; demulcents: give morphine (1/8-1/3 gr.) for pain; fomentations.

Antidotes .. .. Give large amounts of arrowroot or other forms of starch (e.g., rice, boiled potatoes, etc.).

Lead.

Treatment .. .. Stomach wash-out, using magnesium sulphate or sodium sulphate, or emetic; demulcents; relieve colic by morphine (1/8 to 1/3 gr.) and atropine (1/100 gr.) opiates; give a brisk purgative.

Antidotes .. .. Magnesium sulphate (½ oz.); sodium sulphate (½ oz.) to form insoluble leadsulphate.

Mercury, Corrosive Sublimate, Mersalyl, etc.

Treatment .. .. Stomach wash-out or emetics; stimulants; demulcents; give Tr. opii (30 min.) to relieve pain and purging; treat shock by warmth, etc.; give fluids freely.

Antidotes .. .. Give at once white of egg or albumin water, to form insoluble mercury albuminate. Give B.A.L. (2·5 -3 mg./Kg. body weight/dose.)

Morphine and Opiates.

Treatment .. .. Stomach wash-out with 1 : 1000 potassium permanganate (even if morphine was given hypodermically since some is excreted into the stomach) ; stimulants ; giving strong black coffee freely ; rouse the patient by cold water douches to face and back of neck or by keeping him walking and talking ; give inhalations of carbon dioxide in oxygen : artificial respiration.

Antidote .. .. Atropine sulphate (1/60 gr.) hypodermically.

Phenacetin, Amidopyrin group.

Treatment .. .. Stomach wash-out or emetic ; stimulants ; give intravenous saline to assist elimination ; administer oxygen for cyanosis and artificial respiration.

Phosphorous.

Treatment .. .. Stomach wash-out or emetic ; demulcents (but not olive oil or fats) ; give morphine 1/8 to 1/3 gr.) for pain; give ½ oz. magnesium sulphate as a purge.

Antidote .. .. Wash-out stomach with potassium permanganate (1 gr. to 1 oz.) to oxidise phosphorous, and leave 10 oz. in

stomach; give old or oxidised oil of turpentine (40 min. emulsified in mucilage and water to 1 oz.) every 1/4 hour.

Silver Nitrate.

Treatment .. .. .. Stomach wash-out with large quantities of common salt solution (to precipitate silver as chloride); demulcents; give supportive measures.

Scorpion bites.

Treatment .. .. Keep the patient quite and recumbent; apply ice to retard absorption; apply tourniquet, incise skin and apply suction; rub into the wound powdered potassium permanganate crystals; procaine infiltration; 0·5 gm. of sodium amytal intravenously; supportive measures.

Snake bites.

Treatment .. .. Put a tourniquet on the limb proximal to the bite, releasing pressure temporarily every ½ hour; make a series of deep incisions over the bites; suck out poison by cupping or by the mouth (if free from ulcers) and spitting it out; rub thoroughly into the wound powdered potassium permanganate crystals, artificial respiration; stimulants.

Antidote .. .. Give antivenom serum hypodermically or by intravenous route.

Strychnine.

Treatment .. .. Keep the patient in a darkened quiet room; before any active treatment if having fits, give light inhalations of chloroform or inject Evipan sodium (15—17 gr.) intravenously; stomach wash-out with potassium permanganate (1 gr. to 1 oz.) and leave 60 gr. of potassium bromide or 30 gr. of chloral hydras or 5 gr. of nembutal in stomach; administer oxygen or 5 per cent carbon dioxide in oxygen; artificial respiration charcoal or tannic acid in water or strong tea.

Do note give opiates.

Turpentine.

Treatment .. .. .. Stomach wash-out or emetic; demulcents; give morphine (1/8—1/3 gr.) for pain; give 1 oz. magnesium sulphate or caste[illegible] as purge.

White or Yellow Oleander Poisoning.

Treatment .. .. General treatment for digitalis or strychnine.

FOODS VALUES OF PRINCIPAL INDIAN TYPES OF FOOD AND VEGETABLES.

FOODS VALUES OF PRINCIPAL INDIAN TYPES OF FOOD AND VEGETABLES.

Values Per Ounce.

Name.	Protein g.	Fat g.	Carbohydrate g.	Calcium mg.	Phosphorous mg.	Iron mg.	Carotene (Inter. Vit. A Units).	Vitamin B1 (I.U.).	Nicotinic Acid mg.	Riboflav-in. ug.	Vitamin C mg.	Calorific value.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Almond	5·9	16·7	3·0	65	140	1·0	T	3	0·7	..	..	186
Apple	0·1	0·1	3·8	3	6	0·5	T	11	0·1	9	1	16
Bajra	3·3	1·4	19·1	14	99	0·3	63	31	0·9	..	.	102
Banana	0·4	0·1	10·3	3	14	0·1	T	14	0·1	9	1	43
Barley	3·3	0·4	19·7	8	65	1·1	..	43	1·3	..	..	95
Beef (Muscle)	6·4	0·7	..	3	54	0·2	T	14	1·8	11	1	32
Beetroot	0·5	0·1	3·9	57	17	0·3	T	20	0·1	26	25	18
Bitter gourd	0·5	0·1	1·2	6	20	0·6	60	7	0·1	26	25	7
Bringal	0·4	0·1	1·8	60	17	0·4	1	4	0·2	26	6	10
Broad Beans	1·3	0·1	2·8	14	17	0·5	..	..	0·2	..	3	17
Cabbage	0·5	0·1	1·8	8	14	0·2	568	14	0·1	9	35	9
Carrot	0·3	0·1	3·0	23	8	0·4	568 to 1,221	17	0·1	6	1	13

Cauliflower	1·0	0·1	1·5	8	17	0·4	4	31	0·3	28	19	11
Cheese	6·8	7·1	1·8	220	150	0·6	..	..	..	..	..	99
Cholam	3·0	0·5	21·0	8	79	1·8	39	33	0·5	..	..	101
Coconut	1·4	11·8	3·7	3	68	0·5	T	4	0·2	28	1	126
Cucumber	0·1	0·1	0·8	3	8	0·4	T	8	0·1	1	2	4
Curds	0·8	0·8	0·9	34	25	0·1	T	T	..	17	..	14
Dates	0·9	0·1	19·1	20	23	3·0	170	9	0·2	9	T	80
Drumstick	0·7	0·1	1·0	8	30	1·5	52	..	0·1	..	34	7
Duck	6·1	1·4	..	1	70	..	..	..	..	..	..	37
Egg (Duck)	3·8	3·9	0·2	20	74	0·9	255	T	..	..	..	51
Egg (Fowl)	3·8	3·8	..	17	62	0·6	284	T	..	..	..	49
Figs	0·4	0·1	4·8	17	8	0·3	77	..	0·2	14	1	21
Fowl	7·2	0·2	..	7	71	..	..	..	..	..	..	31
Garlic	1·8	0·1	8·2	8	90	0·4	..	..	0·1	..	4	40
Grape Fruit (Triumph)	0·2	0·1	2·0	6	6	0·1	..	11	0·1	6	9	9
Groundnut	7·6	11·3	5·8	14	110	0·5	18	85	4·0	85	..	156
Guava (country)	0·4	0·1	4·1	3	11	0·3	T	..	0·1	9	85	19
Jack, Tender	0·7	0·1	2·7	8	11	0·5	..	..	0·1	..	..	14
Jack Fruit	0·5	0·1	5·4	6	8	0·1	153	..	0·1	..	3	4
Ladies Finger	0·6	0·1	2·2	25	23	0·4	16	6	0·2	..	4	12
Lemon	0·3	0·3	3·1	20	3	0·7	T	..	0·1	1	11	16
Lentil (Masurdhal)	7·1	0·2	17·0	37	70	0·6	128	43	0·4	..	..	98
Lime	0·4	0·3	3·1	25	6	0·1	7	..	0·1	..	18	17
Liver (Sheep)	5·4	2·1	0·4	3	110	1·8	..	34	5·0	483	6	43
Mango (Green)	0·2	0·1	2·5	3	6	1·3	43	..	0·1	..	1	11
Mango (Ripe)	0·2	0·1	3·3	3	6	0·1	1,363	..	0·1	14	4	14
Milk (Cow's)	0·9	1·0	1·4	34	25	0·1	T	..	0·1	57	1	18
Milk (Buffalo's)	1·2	2·5	1·4	6	3	0·1	T	..	0·1	..	..	33
Mutton (Muscle)	5·3	3·8	..	43	43	0·7	T	17	1·9	77	..	55
Onion (Big)	0·3	0·1	3·3	50	14	0·2	..	11	0·1	3	3	14
Orange	0·3	0·1	3·0	14	6	0·1	99	11	..	17	19	14
Papayya (Ripe)	0·1	0·1	2·7	3	3	0·1	573	..	0·1	71	13	11

T = Trace.

FOODS VALUES OF PRINCIPAL INDIAN TYPES OF FOOD AND VEGETABLES—*cont.*

Values Per Ounce—*cont.*

Name.	Protein g.	Fat g.	Carbohydrate g.	Calcium mg.	Phosphorous mg.	Iron mg.	Carotene (Inter. Vit. A Units).	Vitamin B1 (I.U.).	Nicotinic Acid mg.	Riboflav-in. ug.	Vitamin C mg.	Calorific value.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Pears (Country)	0·1	0·1	3·3	3	3	0·2	4	..	0·1	9	T	13
Peas (English)	2·0	0·1	5·6	6	23	0·4	39	34	0·2	3	3	31
Pineapple	0·2	0·1	3·4	6	3	0·3	17	..	..	34	18	14
Pomegranate	0·5	0·1	4·1	3	20	0·1	..	..	..	28	5	18
Plantain (Green)	0·4	0·1	4·2	3	8	0·2	14	4	0·1	57	7	19
Pomfrets	5·4	..	..	57	82	0·3	..	..	..	..	..	22
Pork (Muscle)	5·3	1·2	..	8	57	0·7	T	51	0·8	26	1	32
Potato	0·5	0·1	6·5	3	9	0·2	1	6	0·3	3	1	28
Pumpkin	0·4	0·1	1·5	3	8	0·2	24	6	0·1	11	1	8
Radish (White)	0·2	0·1	1·2	10	8	0·1	1	17	..	..	4	6
Ragi	2·0	0·4	21·7	94	77	1·5	20	40	0·3	..	..	98
Red gram	6·3	0.5	16·2	40	70	2·5	62	43	0·7	..	..	95
Rice, Milled, Parboiled ..	1·8	0·1	22·5	3	40	0·6	..	20	1·1	..	..	98
Rice, Raw, Milled	2·0	0·1	22·0	3	21	0·3	..	6	0·3	23	..	99

Rice, Raw, Home-pound ..	2·4	0·2	22·2	3	5	0·8	1	17	0·7	34	..	100
Sago	0·1	0·1	24·7	6	3	0·4	..	..	..	..	..	100
Skimmed Milk Powder ..	10·7	0·1	14·4	390	280	0·4	..	5	0·3	..	..	101
Snakegourd	0·1	0·1	1·2	14	6	0·4	45	..	0·1	17	T	6
Spinach	0·5	0·3	1·1	17	3	1·4	738 to 994	20	0·1	17	14	
Sweet potato	0·3	0·1	8·8	6	10	0·2	3	..	0·2	11	7	37
Tapioca	0·2	0·1	10·9	10	10	0·2	..	4	0·1	28	..	45
Tomato (Green)	0·5	0·1	1·3	6	11	0·7	91	7	0·1	17	9	8
Tomato (Ripe)	0·3	0·1	1·1	3	6	0·1	91	11	0·1	17	9	6
Watermelon	0·1	0·1	1·1	3	3	0·1	T	..	0·1	..	1	5
Wheat flour	3·4	0·5	20·5	11	91	2·0	..	..	..	..	..	100

T = Trace.

WEIGHTS AND MEASUREMENTS.

CONVERSION TABLES.

Factors for converting from one scale to the other.

To convert grammes into grains ..	×	15·432
,, do. ounces, avoirdupois.	×	0·03527
To convert kilograms into pounds ..	×	2·2046
,, grains into grammes ..	×	0·0648
,, avoirdupois ounces into grammes.	×	28·35
To convert troy ounces into grammes ..	×	31·104
,, cubic centimeters into fluid ounces, Imperial.	×	0·0352
To convert fluid ounces into cubic centimeters.	×	28·41
To convert pints (Imperial) into litres.	×	0·568
,, gallons (Imperial) into litres.	×	4·5436
To convert metres into inches ..	×	39·37
,, inches into metric ..	×	0·0254

The following tables give Metric equivalents of Imperial measures of mass and capacity.

Fractions of a grain.

(*From* 1 *grain to* 1/1000 *of a grain.*)

Imperial. GR.		Metric. GM.
1	.. ..	0·065
3/4	.. ..	0·049
2/3	.. ..	0·043
1/2	.. ..	0·032
1/3	.. ..	0·022
1/4	.. ..	0·016
1/5	.. ..	0·013
1/6	.. ..	0·011
1/7	.. ..	0·009
1/8	.. ..	0·008
1/10	.. ..	0·0065
1/12	.. ..	0·0054

Fractions of a grain—*cont.*

(*From* 1 *grain to* 1/1000 *of a grain*)—cont.

Imperial. GR.	Metric. GM.
1/15	0·0043
1/16	0·004
1/20	0·0032
1/24	0·0027
1/25	0 0026
1/30	0·0022
1/32	0·002
1/40	0 0016
1/50	0·0013
1/60	0·00108
1/64	0·001
1/70	0·0083
1/75	0·0086
1/80	0 0081
1/95	0.00067
1/100	0·00065
1/120	0·00054
1/130	0·00051
1/150	0·00043
1/160	0 00035
1/200	0·00032
1/240	0 00027
1/230	0·00026
1/300	0·00022
1/400	0·00016
1/500	0·00013
1/600	0 00011
1/640	0·0001
1/750	0·00009
1/1000	0·00006

Multiples of a grain.

(*From* 1 *grain to* 1 *ounce.*)

1	0·085
1¼	0·081
1¾	0·086
1½	0·097
1¾	0·113
2	0·13

Multiples of a grain—cont.

(From 1 grain to 1 ounce.)

Imperial. GR.						Metric. GM.
2½	..	..	..	..	..	0·162
3	..	..	..	..	..	0·194
3½	..	..	..	..	..	0·227
4	..	..	..	..	..	0·259
4½	..	..	..	..	..	0·292
5	..	..	..	..	..	0·324
6	..	..	..	..	..	0·389
7	..	..	..	..	..	0·454
8	..	..	..	..	..	0·518
8¾	..	..	..	..	..	0·567
9	..	..	..	..	..	0·583
10	..	..	..	..	..	0·648
12	..	..	..	..	..	0·778
15	..	..	..	..	..	0·972
18	..	..	..	..	..	1·166
20	..	..	..	..	..	1·296
25	..	..	..	..	..	1·62
30	..	..	..	..	..	1·944
35	..	..	..	..	..	2·268
40	..	..	..	..	..	2·592
50	..	..	..	..	..	3·24
60	..	..	..	..	..	3·89
80	..	..	..	..	..	5·184
120	..	..	..	..	..	7.78

Multiples of a minim.

Fractions of a fluid ounce.

(From one-eighth minim. to 1 fluid ounce.)

Imperial. MIN.						Metric. C.C.
1/8	..	..	..	..	..	0·007
1/4	..	..	..	..	..	0·015
1/2	..	..	..	..	..	0·03
3/4	..	..	..	..	..	0·014
1	..	..	..	..	..	0·059
2	..	..	..	..	..	0·118

Multiples of a minim—*cont.*

(*Fractions of a fluid ounce*)—cont.

(*From one-eighth minim. to 1 fluid ounce*)—cont.

Imperial. MIN.	Metric. c.c.
3	0·178
4	0·237
5	0·296
6	0 355
7	0·414
8	0·473
9	0 533
10	0·592
12	0·71
15	0·988
20	1·184
25	1·479
30	1·776
35	2·672
40	2·353
	2·96
50	3·55
60	5·33
90	7·1
120	10·66
180	14·21
240	..
300	17·76
360	21·31
480	23·42

In continental prescribing, a smaller quantity than half a cubic centimetre is usually expressed in drops.

Percentage and grains per fluid ounce equivalents.

Per cent.	Grains per fluid ounce.
10·0	43·75
9·5	41·56
9·0	39·4
8·5	37·2
8·0	35·0
7·5	32·8
7·0	30·6

Percentage and grains per fluid ounce equivalents—*cont.*

Per cent.	Grains per fluid ounce.
6·5	28·45
6·0	26·25
5·5	24·05
5·0	21·9
4·5	19·7
4·0	17·5
3·5	15·3
3·0	13·1
2·5	10·95
2·0	9·75
1·9	8·3
1·8	7·9
1·7	7·45
1·6	7·0
1·5	6·55
1·4	6·1
1·3	5·7
1·2	5·25
1·1	4.8
1·0	4·4
1·0	3·95
0·8	3·6
0·7	3·05
0·6	2·6
0·5	2·2
0·4	1·7

DOMESTIC MEASURES.

1 Teaspoonful	1 fluid drachm or little more.
1 Desertspoonful	2 fluid drachms.
1 Tablespoonful	4 fluid drachms or ½ ounce.
1 Teacupful	7 fluid ounce or more.
1 Tumblerful	Approximately 11 fluid ounces.
1 Pint	Twenty fluid ounces.
1 Quart	2 pints or 40 fluid ounces.
1 Gallon	8 pints or quarter or 160 fluid ounces.

ADDENDUM

DRUGS AND SOLUTIONS USEFUL IN PEDIATRIC PRACTICE.

COMPILED BY

DR. S. T. ACHAR.

DRUG THERAPY.

The following are the average proportionate doses for the various ages based on Young's rule :

$$\text{Child's dose} = \frac{\text{Age} \times \text{adults dose}}{\text{Age} + 12}.$$

12 years	½ adult dose	
8–10 ,, ...	2/5 ,,	
6 ,, ...	1/3 ,,	
4 ,, ...	¼ ,,	
3 ,, ...	1/5 ,,	
2 ,, ...	1/7 ,,	
1 ,, ...	1/10 ,,	
9 months	1/15 ,,	or 2/3 dose for one year.
6 ,, ...	1/20 ,,	or ½ dose for one year.
Birth to 3 months ..	1/30 ,,	or 1/3 dose for one year.

For easy remembrance at 3 years 1/5 adult dose.

For easy remembrance at 1 year 1/10 adult dose.

For easy remembrance at 3 months 1/20 adult dose.

The dose of a drug administered rectally is equal to or even larger than that given by mouth.

The dose of drug to be given subcutaneously is half of the oral dose and intravenously is ¼ of the oral dose.

Evans (1949) has suggested three formulae for use when the age but not the weight of the patient is known, which obviate some of the objections to a single formula, viz.:

1. In general: Adult dose $\times \frac{\text{Age next birth day} + 4}{20}$.

2. Antibacterials (sulphonamides, penicillin, vaccines) and antispasmodics (belladonna, atropine, anti-histamine drugs, adrenalin):

   Adult dose $\frac{\text{Age next birth day} + 4}{20}$.

3. Badly tolerated drugs (opium derivatives, strychnine, santonin and quinine): Adult dose $\times \frac{\text{Age last birth day} + 4}{20}$.

These calculated dosages should be halved during the first month of life and reduced during the first three months, whilst discrimination must be used in the case of wasted infants.

AUTONOMIC DRUGS.

ATROPINE.

It is better to give as atropine 1 in 10,000 solution, orally than prescribe Tinct. Belladonna, because of the possibility of hydrolysis in great dilutions and consequent inaccuracy in dosage of Tinct. Belladonna.

(Atropine, 1 in 10,000 solution is made by putting one 1/100 grain tablet in 6 cc. of water.)

½ to 2 drops per lb. body weight of this atropine solution can be given by mouth.

PROSTIGMINE.

·01 to ·02 milligram per lb. body weight can be given.

DOSAGES OF OPIUM AND ITS DERIVATIVES.

(Note.—Infants tolerate opium badly)

Opiates.	*1 month.*	*3 months.*	*12 months.*	*24 months.*	*5 years.*
Paregoric (Tinct. Camphor Co or Tinct. Camphorata).	2 minims	3 minims	10 minims	10–20 minims	30 minims
Tincture of opium *diluted* 1 *to* 3 *with* water. Dosage based on *diluted mixture*.	1 minim	2 minims	4 minims	6–8 minims	8–10 minims
Morphine	1/100 grain 0·0006 gm.	1/60 grain 0·001 gm.	1/40 grain 0·0015 gm.	1/30 grain 0·002 gm.	1/20 grain 0·003 gm.
Codeine	1/50 grain 0·0012 gm.	1/25 grain 0·0025 gm.	1/8 grain 0·008 gm.	1/6 grain 0·01 gm.	1/4 grain 0·01 gm.
Pulv. doveri	1/8 grain	1/6 grain	1/2 grain	1 grain	2 grains

SEDATIVES.

Phenobarbiton.

Oral—

6 months	.. ..	1/8 to 1/6 grain.
1 year	.. ..	1/4 grain.
5 years	.. ..	1/2 grain.

Sodium Phenobarbital.

(1/25 grain per lb. body weight.)

Rectal or intramuscular—

Under 2 years	.. ..	½ to 1½ grains.
2 to 6 years	.. ..	1½ to 3 grains.
6 to 12 years	.. ..	3 to 6 grains.

Chloral Hydras.

Oral—

Maximal hypnotic dosage is

2/5 grain per lb. body weight—never over 30 *grains* to any one.

Usually 1 grain for each year of age plus one grain suffices.

Rectal—

Under 2 years	.. ..	3 to 8 grains.
2–6 ,,	.. ..	8–15 grains.
6–12 ,,	.. ..	15–20 grains.

Seconal.

Oral—

1/20 grain per lb. (never over 3 grains at any age).

Rectal—

1/10 grain per lb.

(Suspended in tap water)—

Under 2 years	.. ..	½ to 1½ grains.
2 to 6 years	.. ..	1½ to 2½ grains.
6 to 12 years	.. ..	2½ to 3 grains.

Paraldehyde.

Intravenous—

0·005 cc. per lb. or 1 cc. of 5 per cent solution per 10 lb.

Not over 10 cc.

Under 2 years	½ to 1½ cc. of 5 per cent solution.
2 to 6 years	1 ¾ to 3 cc. of 5 per cent solution.
6 to 12 years	3 to 7 cc. of 5 per cent solution.

Paraldehyde is sparingly soluble.—1 cc. dissolves in 8 cc. of water.

Paraldehyde is sterilized by bringing it to boil and immediately taking it off the heat as it may undergo decomposition.

Rectally—

½ to 1 dram per stone body weight can be given. If indicator shows no free acid in Paraldehyde it can be given undiluted. If there is acid, the rectal mucous membrane may be intolerant and the paraldehyde may have to be suspended in oil.

Intramuscular—½ to 1 cc. for infants; 2 to 4 cc. for children.

Magnesium sulphate—(as anti-convulsant in pseu. douraemia of acute Nephritis).

Oral or rectal—1 to 2 ounces of 50 per cent solution of 4 hour.

* *Intravenous*—2 per sent solution at the rate of 2 to 3 cc. per minute up to 4 cc. per lb.

Avertin—(For convulsions of Tetanus or Rabies) 27 to 48 milligrams per lb. body in one or two doses per day. Use as 2½ per cent solution in solvent (amylene hydrate).

Ether in oil—One ounce of 50 to 65 per cent Ether in olive oil per 20 lb. body weight.

Sodium Amytal or Sodium Phenobarbital.

Used intravenously—2·5 mg. or 1/24 gr. per lb. body weight.

Under 2 years	½ to 1½ grains.
2 to 6 years	¾ to 4 grains.
6 to 12 years	1½ to 6 grains.

Nembutal—1/10 gr. or 6 mg. per lb. as Suppositories.

Sodium Amytal.

Age.	Dose by mouth.	Dose by rectum.
1 year ..	¼ gr. (0·016 gm.)	¾ gr. (0·05 gm.)
2 years ..	½ gr (0·03 gm.)	1 gr. (0·065 gm.)
3 years ..	1 gr. (0·065 gm.)	2 grs. (0·13 gm.)
4 years ..	1 gr. (0·065 gm.)	2 grs. (0·13 gm.)
5 years ..	1½ grs. (0·10 gm.)	3 grs. (0·2 gm.)
6 years ..	2 grs. (0·13 gm.)	3 grs. (0·2 gm.)
8 years ..	2 grs. (0·13 gm.)	4 grs. (0·25 gm.)
10 years ..	3 grs. (0·2 gm.)	5 grs. (0·3[illegible] gm.)
14 years ..	3 grs. (0·2 gm.)	6 grs. (0·4 gm.)

* *Intramuscular*: 0·2 cc. of 25 per cent per lb. body weight repeated 2 hours later and as necessary if B.P. does not fail.

DOSAGE OF MORPHIA BY INJECTION.

Age.	Morphine.	Pantopon.
2 years ..	1/10 gr. (0·006 gm.)	1/9 gr. (0·007 gm.)
6 years ..	1/8 gr. (0·008 gm.)	1/6 gr. (0·01 gm.)
10 years ..	1/6 gr. (0·01 gm.)	2/9 gr. (0·015 gm.)
14 years ..	1/4 gr. (0·016 gm.)	1/3 gr. (0·02 gm.)

Pentothal.

Intravenous—1/5 cc. of a 2 per cent or 2·5 per cent solution.

Rectal—0·2 cc. of 10 per cent solution per lb. body weight.

Anti Histamine Drugs.

0·5 mg. per lb. repeated as necessary at 4 to 6 hour intervals. Single dose not to exceed 1 mg. per lb. body weight.

Sulpha Drugs.

Sulphadiazine and Sulphamezathine—1 to 1½ grains per lb. body weight (not more than 120 grains in 24 hour period).

Quarter to half the calculated daily dose may be given initially in severe cases (maximum 4 gramme or 60 grains) and thereafter the total daily dose is divided into 6 equal portions, and given at 4 hourly intervals.

Sulfamerazine—½ to 1 grain per lb. per day.

Sulphaguandine and Sulphasuxidine—3 grains per lb. body weight per 24 hours, initial dose 1 gr. per lb. Reduce daily dose to half when stools fall to 4 a day.

Antibiotics.

It is worthwhile remembering that Penicillin can be administered to young infants orally as it is absorbed.

Streptomycin—30 mg. per lb. per day.

Systemic—in 2 equally divided doses or one daily dose.

Intrathecal—20 to 50 mg. (not dihydro) well diluted in 5 cc.

Aureomycin, Chloromycetin and Terramycin—50 to 60 mg. lb. per day.

Chloromphenicol in Typhoid—

10 lb.	125 mg. 4th hourly.
25 lb.	250 mg. 6th hourly.
35 to 50 lb. ..	250 mg. 4th hourly.

AGENTS EFFECTIVE IN VARIOUS MENINGITIS.

H. Infl. Meningitis ..	Sulfadiazine and Streptomycin or Chloromycetin.
Pneumococcal and Streptococcal.	Very large doses of Penicillin every 2 hours plus Sulphadiazine.
B. Coli	Sulphadiazine plus Chloromycetin.
Pyocyaneous and Protenus.	Sulphadiazine and Streptomycin or Terramycin and Polymyxin.
Meningococcal ..	Sulphadiazine.

DOSAGE OF SOME DRUGS.

Mepacrine or Atabrine—

Up to 1 year—0·05 gm. daily in 3 divided doses.

1 to 4 years—0·1 gm. daily in 3 divided doses.

5 to 8 years—0·2 gm. daily.

Over 8 years—0·3 gm. daily.

Plasmoquine—

Infants—¼ tablet once daily.

1 to 5 years—¼ tablet twice daily.

6 to 15 years—½ tablet 3 times daily.

Emetine (Very toxic to infants and young children)—
1/150 grain per lb. body weight per day in 2 divided doses.

Yatren, chiniofon, diodoquin—0·03 gm. per lb. per day divided into 3 doses.

Carbarasone—5 mg. per lb. body weight daily—not more than 0·5 gm. daily for a fully grown child.

Hexyl Resorcinol for ascariasis and oxyuris—0·1 gm. per year of age up to 0·8 gm. (maximum).

Santonin—¼ grain per year up to maximum of 3 grains.

Carbon Tetrachloride—0·3 cc. per year up to maximum of 4 cc. in gelatin coated capsules followed by Mag. Sulph.

Mapharside—One milligram per 2·2 lb. body weight 1st dose to be half.

Nitrogen Mustard—0·1 milligram per kilo (2·2 lb.) 4 or 5 days.

Urea Stibamine—1—3 years 1/3 adult dose (total 0·8 gm. in 13 injections). 3—10 years ½ adult dose (total 1·2 grm. in 13 injections).

Gentian violet—1/6 grain per day per year of age divided into 3 doses for one week—repeat after a week's rest.

Hyaluronidase—(Rondase or Hyalase) 1 mg. in 1.cc. of distilled water for every 200 cc. of fluid injected through the rubber tubing as soon as flow begins.

Ext. Filicis Liquidum.—Two minims. per year of age.

Digitalis—(In decompensation) 1½ grain to 3 grains of pulv. Digitalis every 6 hour till therapeutic effect or toxic signs. Thereafter 1½ grain daily. Digoxin is 1000 times more potent. So 0·1 mg. per dose.

Dilantin—0·1 grm. (1½ grains) for children over 6 years B.D. or t.d.s. 0·03 grm. (½ grain) for children over 6 years b.d. or t.d.s.

Mesantoin—Grain 3/4 b.d. or t.d.s.

Tridione—0·3 grm. b.d. or t.d.s.

Anti Diphtheritic serum—

Purely nasal (anterior).	8,000 to 10,000 units I.M.
Faucial	20,000 units I.M.
Faucial and Laryngeal.	40,000 units I.M.
Hypertoxic (Bullneck).	100,000 I.V.

EXCRETION UROGRAPHY.

Intravenous—10 cc. + 1 cc. for every year of age (Godaxyl or Diodone).

Intramuscular—10 cc. + 1 cc. for every year of age divided into (Diodone only) 2 thighs using 1 mg. Hyalase for each for rapid absorption.

CYSTO-URETHROGRAPHY.

Diodone or Iodoxyl—At a concentration of 10 per cent e.g. Pyelectan 20 cc. in 6–8 ounces water.

QUANTITIES OF CERTAIN DRUGS WHICH MAY BE GIVEN TO CHILDREN OF DIFFERENT AGES.

These doses may be given three times daily by the mouth, unless otherwise stated.

Drugs.	At birth.	Six months.	One year.	Five years.	Ten years.
Adrenalin 1 in 1000 (hyp. inj.)	1 min.	2 min.	3 min.	5 min.	6 min.
Aloes	..	..	..	1/10 gr.	1/5 gr.
Ammonium Acetatis liq. ..	3 min.	4 min.	5 min.	7 min.	15 min.
Ammonium aromat. spirit.	$\frac{1}{4}$ min.	$\frac{1}{2}$ min.	1 min.	2 min.	3 min.
Ammonium carbonate ..	1/6 gr.	$\frac{1}{4}$ gr.	$\frac{1}{2}$ gr.	2 grs.	3 grs.
Amytal	..	1/8 gr.	1/4 gr.	1/3 gr.	$\frac{1}{2}$ gr.
Arsenicalis liq.	$\frac{1}{4}$ min.	$\frac{1}{2}$ min.	1 min.	2 min.	3 min.
Aspirin	$\frac{1}{4}$ gr.	1 gr.	$1\frac{1}{2}$ gr.	$2\frac{1}{2}$ grs.	5 grs.
Atropine by the mouth ..	1/400 gr.	1/200 gr.	1/150 gr.	1/100 gr.	1/75 gr.
Atropine (hypod. injec.) ..	1/800 gr.	1/400 gr.	1/300 gr.	1/200 gr.	1/150 gr.
Belladonnæ tinc.	1 min.	2 min.	3 min.	5 min.	8 min.
Bismuth carb.	3 grs.	5 grs.	10 grs.	20 grs.	30 grs.
Calcium lactate	1 gr.	$2\frac{1}{2}$ grs.	5 grs.	7 grs.	10 grs.
Calomel	1/10 gr.	1/6 gr.	1/4 gr.	1/2 gr.	1/2 gr.
Camphore (hypod. injec.) ..	1/10 gr.	1/6 gr.	1/4 gr.	1/2 gr.	1/2 gr.
Cascaral liq. ext.	..	..	..	30 min.	30 min.
Chloral hydrate	$\frac{1}{2}$ gr.	1 gr.	2 grs.	4 grs.	7 grs.

Chloretone (P.D. & Co.) ..	..	..	1 gr.	2 gr.	4 gr.
Codeine	..	..	..	1/20 gr.	1/20 gr.
Digitalis tinct.	..	..	1 min.	5 min.	10 min.
Epanutin	..	½ gr.	3/4 gr.	1½ gr.	1½ gr.
Ether, spirit of nitrous ..	¼ min.	½ min.	1 gr.	2 min.	3 min.
Ephedrine hydrochloride ..	..	..	1/8 gr.	1/6 gr.	1/6 gr.
Eumydrin	1/750 gr.	..	..	..	..
Ferri iodidi, syr.	3 min.	5 min.	10 min.	30 min.	30 min.
Ferri ammonium cit. ..	¼ gr.	½ gr.	1 gr.	3 grs.	5 grs.
Ferri phos. co., syr. ..	3 min.	5 min.	10 min.	30 min.	30 min.
Ferri et. quinin, cit. ..	¼ gr.	½ gr.	1 gr.	3 grs.	5 grs.
Gentian violet (total daily dose).	..	..	1/6 gr.	5/6 gr.	1½ gr.
Hexamine	½ gr.	1 gr.	2 grs.	5 grs.	5 gr.
Hydrag c. creta	¼ gr.	1/3 gr.	1 gr.	5 grs.	7 grs.
Ipecac. vinum	1 min.	2 min.	3 min.	5 min.	5 min.
Liquorice liq. ext.	..	..	..	30 min.	30 min.
Luminal (see phenobarbitonum).	..	..	..	..	..
Nux vom., tinct	½ min.	1 min.	2 min.	4 min.	6 min.
Opii co., tinct.	1 min.	2 min.	3 min.	5 min.	10 min.
Phenobarbitonum	..	1/8 gr.	¼ gr.	½ gr.	3/4 gr.
Phenolphthalein	1/6 gr.	¼ gr.	½ gr.	1 gr.	1 gr.
Pot. Bromide	1 gr.	2 grs.	4 grs.	6 grs.	10 grs.
Pot. cit.	½ gr.	1 gr.	3 grs.	5 grs.	10 grs.

QUANTITIES OF CERTAIN DRUGS WHICH MAY BE GIVEN TO CHILDREN OF DIFFERENT AGES—*cont.*

These doses may be given three times daily by the month, unless otherwise stated—*cont.*

Drugs.	At birth.	Six months.	One year.	Five years.	Ten years.
Pot. iod.	1/6 gr.	½ gr.	1 gr.	2 grs.	3 grs.
Quinine sulphate	1/10 gr.	1/8 gr.	1/6 gr.	½ gr.	1 grs.
Rhei. pulv.	¼ gr.	1/3 gr.	1 gr.	2½ grs.	5 grs.
Santonin	..	..	..	1½ gr.	2½ grs.
Scillae, oxymel	1 min.	2 min.	3 min.	5 min.	7 min.
Sennae, syr.	2 min.	4 min.	6 min.	10 min.	16 min.
Sod. bicarb	2 grs.	3 grs.	5 grs.	10 grs.	20 grs.
Sod. brom	1 gr.	2 grs.	4 grs.	6 grs.	10 grs.
Sod. cit	½ gr.	1 gr.	3 grs.	5 grs.	10 grs.
Sod. sal	¼ gr.	1 gr.	2 grs.	3 grs.	5 grs.
Stramonium tinct.	½ min.	1 min.	2 min.	3 min.	5 min.
Strychnine (hypod. injec.).	1/1000 gr.	1/800 gr.	1/600 gr.	1/200 gr.	1/150 gr.

ANTITODES FOR SOME OF THE POISONS WITHIN THE REACH OF CHILDREN.

Atrophine, Belladonna and Homatropine.	Lavage with strong tea or 4 per cent tannic acid. Barbiturate for excitement Stimulants like caffeine for depression. Pilocarpine 5 mg. for dry mouth.
Antihistamine Drugs (Benadryl).	Short acting barbiturates (Seconal or Pentothal) in small fractional doses.— Metrazol if secondary resp. depression. Treat hyper-thermia.
Barbiturates	Picrotoxin 3 to 6 mg. I.V. or Benzedrine 10 mg. in 1 c.c. I.V. or Metrazol 0·5 c.c. of 10 per cent solution I.V. or Ephedrine ¼ to ½ grain by injection.
Boric Acid (recognised by lobster face).	Lavage with Sod. Bicarb correct acidosis with lactate and give Chlorides I.V.
D.D.T.	Gestric lavage, Calcium gluconate I.V., Atropine and Barbiturates to counteract convulsions.
Iodine	Lavage with starch solution, sodium thio-sulphate or egg white I.V. Saline.
Iron	Soda Bicarb same amount as iron ingested.

Kerosene ..	..	Gastric lavage Pencillin and 02 later.
Methyl Alcohol	..	Levage with 3—5 per cent Soda Bicarb Ringer lactate acisosis I.V.
Naphthaline ..	..	Lavage. Avoid oils especially castor oil.
Scorpion sting	..	Adrenalin m. 1–2 every ½ hour for collapse Calcium gluconate I.V., Anti-scorpion serum.
Salicylates ..	..	Early saline I.V. Later correct ketosis Glucose I.V.

B. P. 1953.

ADDENDUM—1955.

1 Soluble Tablets of Acetylsalicylic Acid.

Dose—1 to 3 tablets.

Each soluble tablet of Acetysalicylic Acid contains O. 324 G (5 gr.) of Acetylsalicylic Acid.

2 Tablets of Amphetamine Sulphate.

Dose—2·5 to 10 mg. (2·5—10 mgs.)

3 Tablets of Carbarsone.

Dose—0·12 to 0·25 G (2 to 4 gr).

4 Carbimazole.

Dose—Controlling dose 20 to 40 mg. daily, in divided doses, maintenance dose 5 to 15 mg. daily.

5 Tablets of Carbimazole.

Dose—Controlling dose 20 to 40 mg. daily in divided doses; maintenance dose 5 to 15 mg, daily.

6 Cetrimide.

7 Chloroquine Phosphate.

Dose—In the treatment of Malaria, Suppcresive 0·5 G. weekly, therapeutic, initial dose 1 G. subsequent doses 0·5 G. daily.

In the treatment of Amoebiasis 0·5 to 1 G. daily.

8 Tablets of Chloroquinine Phosphate.

Dose—As above.

9 Chloroquine Sulphate.

Dose—In the treatment of Malaria, Suppressive 0·4 G. weekly; therapeutic; initial dose 0·8 G., subsequent doses 0·4 G. daily;

In the treatment of Amoebiasis 0·4 to 0·8 G. daily.

10 Tablets of Chloroquine Sulphate.

Dose—As above.

11 Corticotrophin (Adrenocorticotrophic Harmone Acth.)

Dose—By intramuscular injection.

10 to 25 units six hourly by I.V. 10 to 20 units daily well diluted and infused over a period of not less than six hours.

12 Injection of Corticotrophin.

Dose—As above.

13 Cortiscne Acetate.

50 to 200 mg. daily in divided doses.

For replacement therapy, after adrenalectomy and in Addison's disease and Pan-hypopituitarism 12·5 to 50 mg. daily.

By intramuscular injection 50 to 200 mg. daily in single or divided doses.

By sub-conjunctival injection 5 to 10 mg. every five days.

14 Injection of Cortisone Acctate.

Dose—Cortisone Acetate by intramuscular injection 50 to 203 mg. daily in divided doses by sub-con-junctival injection 5 to 10 mg. every five days.

15 Tablets of cortisone Acetate.

Dose—Cortisone Acetate 50 to 200 mg. daily in divided dases; for replacement therapy after adrenalectomy and in Addison's disease and Panhypopituitarism 12·5 to 50 mg. daily.

16 Dextran Sulphate.

Dose—By intravenous injection 5,000 to 15,000 units.

17 Diethylcarbamazine Citrate.

Dose—0·15 to 0·5 G. daily.

18 Tablets of Diethylcarbamazine Citrate.

Dose—0·15 to 0·5 G. daily.

19 Tablets of Di-Iodohydroxyquinoline.

Dose—1 to 2 G. daily.

20 Ferrous Gluconate.

Dose—0·3 to 0·6 G. (5 to 10 gr.)

21 Tablets of Ferrous Gluconate.

Dose—0·3 to 0·6 G.

22 Gallamine Triethiodide.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

23 Injection of Gallamine Triethiodide.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

24 Hexamethonium Tartrate.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

25 Injection of Hexamethonium Tartrate.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

26 Tablets of Hexamellaniur Tartrate.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

27 Tablets of Hyoscine Hydrobromide.

Dose—0·3 mg. to 0·6 mg. (1/200 to 1/100 Gr).

28 Insulin Zinc Suspension I.Z.S.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

29 Insulin Zinc Suspension (Amorphous).

Amorphous I.Z.S.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

30 Insulin Zinc Suspension (Crystalline).

Crystalline I.Z.S.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

31 Iopanoic Acid.

Dose—2 to 6 G. as a single dose ten to fifteen hours before radiographic examination.

32 Tablets of Iopanoic Acid.

Dose—Iopanoic Acid 2 to 6 G. as a single dose ten to fifteen hours before radiographic examination.

33 Isoniazid.

Dose—0·1 to 0·3 G. daily in divided doses.

34 Tablets of Isoniazid.

Dose—0·1 to 0·3 G. daily in divided doses.

35 Tincture of Lemon.

Dose—1 to 2 ml. (15 to 30 min.)

36 Syrup of Lemon.

Dose—2 to 8 ml. (30 to 120 min.)

37 Lignocaine Hydrochloride.

38 Injection of Lignocaine and Adrenaline,

39 Injection of Lignocaine Hydrochloride.

40 Mersalyl Acid.

41 Injection of Mersalyl.

Dose—By intramuscular injection 0·5 to 2 ml.

42 Methylamphetamine Hydrochloride.

Dose—2·5 to 10 mg.

As an analeptic by intramuscular or intravenous injection 10 to 30 mg.

43 Injection of Methylamphetamine Hydrochloride.

Dose—As an analeptic by intramuscular or intravenous injection 10 to 30 mg.

44 Tablets of Methylamphetamine Hydrochloride.

Dose—2·5 to 10 mg.

45 Tablets of Morphine Sulphate.

Dose—8 to 20 mg. (1/8 to 1/3 gr.)

46 Nalorphine Hydrobromide.

Dose—In the treatment of poisoning by Morphine or its substitutes, by intravenous injection 5 to 10 mg.

47 Injection of Nalorphine Hydrobromide.

Dose—In the treatment of poisoning by Morphine or its substitutes by intravenous injection 5 to 10 mg.

48 Tincture of Orange.

Dose—1 to 2 ml. (15 to 30 min.)

49 Syrup of Orange.

Dose—2 to 8 ml. (30 to 120 min.)

50 Oxytetracycline Dihydrate.

Dose—For Adults 1 to 4 G. daily in divided doses; for a child 20 to 40 mg. per kg. of body weight daily in divided doses.

51 Tablets of Oxytetracycline.

Dose—For Adult 1 to 4 G. daily in divided doses; for a child 20 to 40 mg. per kg. of body weight daily in divided doses.

52 Oxytetracycline Hydrochloride.

Dose—By intravenous infusion, in a concentration not exceeding 0·1 per cent W/v for an adult 1 to 2 G. daily; for a child 10 to 20 mg. per kg. of body weight daily.

By intramuscular injection, in a concentration not exceeding 5 per cent W/v for an adult 0·2 to 0·4 G. daily; for a child 5 mg. per kg. body weight daily.

53 Tablets of Pennobarbitone Sodium.

Dose—0·1 to 0·2 G. (1½ to 3 Gr.)

54 Phenindione.

Does—Initial dose 0·2 to 0·3 G. Subsequent doses 25 to 100 mg. daily according to the prothrombin activity of the blood.

55 Tablets of Phenindione.

Dose—Initial dose 0·2 to 0·3 G. Subsequent doses 25 to 100 mg. daily according to the prothrombin activity of the blood.

56 Phenylbutazone.

Dose—0·2 to 0·4 G. daily in divided doses.

57 Primidone.

Dose—0·5 to 2 G. daily in divided doses.

58 Tablets of Primidone.

Dose—0·5 to 2 G. daily in divided doses.

59 Tablets of Quinidine Sulphate.

Dose—60 to 300 mg. (1 to 5 gr.)

60 Suxamethonium Chloride.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

61 Injection of Suxamethonium Chloride.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Distilled water.

The reference to distilled water throughout the British Pharmacopoeia, 1953, are changed to purified water.

62 Purified Water.

When distilled water is demanded, purified water shall be disposed or supplied.

Injection are made with water for injection, purified water is unsuitable for the purpose.

ANTIBIOTICS.

Penicillin.

B. P. Preparations.

1 Amophous Penicillin.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

2 Benzyl Penicillin.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

Preparations available:

Crystalline Penicillin G.	2 lacs.
Do.	5 lacs.
Do.	10 lacs.

Pfizer ; Glaxo, Dumex, etc.

3 Cream of Penicillin.

When cream of penicillin is prescribed, no strength being stated, cream of penicillin containing 1,000 units in one gram shall be dispensed.

4 Eye ointment of Penicillin.

When eye ointment of Penicillin is prescribed, no strength being stated, eye ointment of Penicillin containing 2,000 units in one gram shall be dispensed.

Preparations available :

Penicillin ointment for eye.
Tube of 5 G-2,000 units/G (ICI, etc).

5 Injection of Penicillin.

When injection of Penicillin is prescribed, no strength being stated, injection of Penicillin containing 25,000 units in 1 c.c. shall be dispensed.

6 Lozenges of Penicillin

If the quantity to be contained in a Lozenge is not specified, Lozenges containing in each 1,000 units shall be dispensed.

Preparations available ;

Penicillin Lozenges 2,000 units each (Glaxo).

7 Ointment of Penicillin.

When ointments of Penicillin is prescribed, no strength being stated, ointment of Penicillin containing 1,000 units in 1 G. shall be dispensed.

Preparations available :

Crystapen ointment 2,000 units 1 G.

Crystapen high potency ointment 25,000 units/G. (Glaxo).

8 Procaine Benzyl Penicillin.

Dose—By intramuscular injection 500,000 to 1,000,000 units daily.

When Procaine Penicillin is prescribed or demanded Procaine Benzyl Penicillin shall be dispensed.

9 Injection of Procain Benzyl Penicillin.

Dose—500,000 to 1,000,000 units.

When injection of Procaine Benzyl Penicillin is prescribed, no strength being stated, injection of Procaine Benzyl Penicillin containing 300,000 units in 1 ml. shall be dispensed.

10 Injection of Procaine Benzyl Penicillin with Benzyl Penicillin.

Dose—The dose is determined by the Physician in accordance with the needs of the patient. When injection of Procaine Benzyle Penicillin with Benzyl Penicillin is prescribed, no strength being stated, injection of Procaine Benzyl Penicillin with Benzyl Penicillin containing 300,000 units in 1 ml. present as Procaine Benzyl Penicillin and 100,000 units in 1 ml. present as Benzyl Penicillin shall be dispensed.

Preparations available:

1 Pronapen .... (Pfizer).
2 Crys 4, 8 and 12 .. .. (Squibb).
3 Duracillin fortified .. .. (Lilly's).
4 Seclopen .. .. .. (Glaxo).
5 Omnacillin .... (Hoest).
6 Proc. Penicillin fortified .. (Dumax), etc.

11 Tablets of Penicillin.

The dose is determined by the Physician in accordance with the needs of the patient.

If the quantity to be contained in a tablet is not specified, tablets containing in each 200,000 units shall be dispensed.

Non-official Preparations.

1 Procaine Penicillin in oil with Aluminium Monostearate where a single injection of 300,000 units intramusculary can maintain optimum concentration for about 72 hours.

Preparations available :

P.A.M.	(Dumex).
Avloprocil	(P.A.M.) (I.C.I.).
Hostacillin '01'	(Hoest).

2 Benethamine Penicillin.

A dose of 600,000 units is found to maintain effective blood concentration for 4 to 5 days.

Preparations available :

Banapen	(Glaxo).

3 Benzethamine Penicillin

Is said to maintain effective blood and tissue concentration for 7 to 28 days.

Preparations available :

(1) Diamine Penicillin	(Dumex).
(2) Diamine Penicillin fortified ..	(Dumex).
(3) Penidure L.A.	(Wyeth).
(4) Penidure A.P.	(Wyeth).

4 Penethaniate Hydroiodide.

Preparations available :

Estopen	(Glaxo).
Leocillin	(Dumex).

5 Penicillin inhalation.

Penicillin by nebulization is 25,000 to 50,000 units every 2 to 4 hours.

The concentration employed for oral inhalation is 10,000 to 20,000 units per c.c.

Penicillin dust 100,000 units 2 to 3 times a day.

Streptomycin.

B. P. Preparations.

1. Streptomycin Hydrochloride.

   Dose—By injection the equivalent of 1 G. of Streptomycin base daily.

2. Injection of Streptomycin Hydrochloride.

   Dose—As above.

3. Streptomycin Sulphate.

   Dose—Streptomycin Sulphate by injection equivalent to 1 G. of Streptomycin base daily.

4. Injection of Streptomycin Sulphate.

   Dose—As above.

5. Streptomycin Calcium Chloride.

   Dose—By injection the equivalent of 1 G. of Streptomycin base daily.

6. Injection of Streptomycin Calcium Chloride.

   Dose—As above.

7. Dihydrostreptomycin.

   Dose—1 G. of Dihydrostreptomycin base daily.

8. Injection of Dihydrostreptomycin.

   Dose—As above.

Non-official Preparations.

Combination of Streptomycin and Dihydrostreptomycin each 0·5 G. in 1 G. vial.

1. Combistrep .. .. (Pfizer.)
2. Ambistryn .. .. (Sqibb.)
3. Duplomycin .. .. (Dumex).
4. Mixtamycin .. .. (I.C.I.).

Chloramphenicol.

B. P. Preparations.

1. Chloramphenicol. B.P.

Dose—For adults 1·5 to 4 G. daily in divided doses; for children .. 50 mg./kg. body weight daily in divided doses.

Preparations available:

1. Chloromycetin Capsules 250 mg. each (Park Davis),
2. Synthomycetin Cap. .. (Lepetit).
3. Chloramphycin .. .. (Boelinger).
4. Enteromycetin .. .. (Dey's).

Non-official Preparations.

(1) Chloromycetin Palmitate suspension 125 mg. of Chloromphenicol teaspoonful.

Preparations available :

Chloromycetin palmitate (Park Davis).

Synthemycetin palmitate (Lepetit).

(2) Chloromycetin Cream .. .. 5 per cent.

(3) Chloromycetin Ophthalmic Ointment .. .. 1 ,,

(4) Chloromycetin Intramuscular .. 1 G. vial.
Do. .. 2 G. vial.

(5) Chloromycetin Tropical .. .. 10 per cent.

Tetracyclines.

Chlorotetracycline (Aureomycin Hydrochloride).

B. P. Preparations.

1. Aureomycin Hydrochloride.

Dose—For adults 1 to 2 G daily in divided doses; for children 10 to 20 mg. per kg. of body weight daily in divided doses.

Preparations avilable :

Aureomycin capsules	(Lederle).
Aureomycin Spersoids	50 mg./3 G.
Aureomycin Troches	15 mg./ Troche.
Aureomycin ointment	3 per cent.
Aureomycin opthalmic ointment ..	1 ,,

Oxytetracycline (Terramycin).

B. P. Preparations.

1. Oxytetracycline Dihydrate.

Dose—For adults 1 to 4 G. daily in divided doses; for child 20 to 40 mg. per kg. of body weight daily in divided doses.

2. Tablets of Oxytetracycline.

Dose—As above.

3. Oxytetracycline Hydrochloride.

Dose—By intravenous infusion in a concentration not exceeding 0·1 per cent W/v for an adult 1 to 2 G. daily; for a child 10 to 20 mg./kg. of body weight daily.

By intravenous injection in a concentration not exceeding 5 per cent W/v; for an adult 0·2 to 0·4 G. daily; for child 5 mg. per kg. of body weight.

Preparations of Terramyein available ;

Terramycin capsules 250 mg.

,, Troches 15 mg in each.

Vaginal tablets with Polymyxin 100 mg/tab.

,, Ophthalmic ointment 5 mg/G.

,, Tropical with Polymyxin B 25 mg. in 5 cc.

,, Nasal solution 25 mg. in 5 co.

,, Intravenous 250 mg. vials.

Tetracycline (Achromycin Tetracyn).

Non-official preparatipns.

1. Tetracycline Hydrochloride capsules.

Dose—250 to 500 mg. every 6 hours.]

Preparations ;

Achromycin (Lederle)	..	..	250 mg.
Tetracyn (Pfizer) ..	..	..	,,
Ambramycin (Lepetit)	..	..	,,
Steclin (Squibb) ..	..	..	,,
Hostecycline (Hoest)	..	..	,,

2. Tetracycline Intravenous.

200 to 500 mg. every 4 to 6 hours.

3. Tetracycline Ointment.

30 mg./G.

4. Tetracycline Opthalmic 1 per cent.

Erythromycin "Ilotycin".

Non-official.

Tablet.

Dose—0·2 G. every 4 to 6 hours for a total of 1·5 to 2 G. within 24 hours period. If the infection is likely to respond the fever should subside within 24 to 48 hours after fever should subside within 24 to 48 hours. Treatment s ge erally cont nued for 48 hours after fever has returned to normal.

Injection.

Erythromycin Lactob nonate and the Glucoheptorat given intrave iously in doses of 2·0 to 4·0 mg./kg. every 8 to 12 hours.

Preparations available :

Ilotycin Crystalline 100 mg. tablet.

Ilotycin Glycoheptorate 250 mg. in 20 cc. amps.

Ilotycin crystall c ointment 10 mg./G.

Ilotycin c ystallic ophthalmic in 1/8 G.

Ilotycin Ethyl Carbonate crystalline 1.2 G. in 60 cc.

Bacitracin.

Non-official.

Ointment—500 units G.

Ophthalmic ointment 500 units G.

Solutions of Bacitracin con aining 500 or 1,000 units cc. in Isotonic solution (Saline) may also be used.

Preparations available ;

Ne-BA-Sulf ointment—(Neomycin, Bacitracin, Sulfacetamide).

Polymyxin.

Non-official.

Polymyxin B Sulfate N.N.R. is available as dry powder for parenteral or topical use and in tablets of 500,000 units for oral use in Gastrointestinal infection. The average daily dose for intramuscular administration is from 15,000 to 25,000 units (1·5 to 2·5 mg.) per kg. body weight injected in divided doses at 6 or 8 hours interval.

Intrathecal.

For children under 2 years of age.

2 mg. per day for 3 or 4 days then 2·5 mg. every other day children over 2 years and adults.

5 mg. per day 3 or 4 days then 5 mg. every other day. Then injection must be made in a concentration of mg. per cc.

Topical.

10,000 to 25,000 units/cc. oral use for intestinal tract infection.

250,000 to 500,000 units (25 to 50 mg.) for children under the age of two, 50 to 75 mg. three times a day for children between two and fi e years of age and 75 to 100 mg. three times a day for older children.

Other Minor Antibiotics.

Tyrothricin.

Neomycin.

Viomycin—Viomycin Sulphate (Pfizer and Park Davis).

Magnamycin.

Fumagillin.

Cycloserine.

Acth and Cortisone.

B.P. Preparations.

1 Corticotrophin.

Dose—By intramuscular injection 10 to 20 units six hourly. By intravenous injection 10 to 20 units daily, well diluted and infused over a period of not less than six hours.

2 Injection of Corticotrophin.

Dose—as above.

Preparations available :

1. Corticotrophin 20 I.V. vial (Dumex).
2. Acth Depot 100 I.V. (Scherring).
3. Adactar Tennate.
4. Actd in gel.
5. Acthar in oil (Adactar 40).

3 Deoxycortone Acetate (Doca).

Dose—By intramuscular. Injection 2 to 5 mg. daily. Total implantation dose 0–1 to 4 G.

Preparations available :

Desexycortizone Acetate (Hoest).
Primicort (Scherring).
Desoyorticortozone Gluconide for intravenous.

4 Implant of Deoxycortone Acetate.

Dose—Total implantation dose 0–1 to 0–4 G.

5 Injection of Deoxycortone Acetate.

Deoxycortone Acetate by intramuscular injection is 2 to 5 mg. daily.

·6 Cortisone Acetate.

Dose—50 to 200 mg. daily in divided doses.

For replacement theraby after adrenalectomy and in Addisons dis ase and Panhypopituitarism 12·5 to 50 mg. daily.

By intramuscular injection 50 to 200 mg. daily in single r divided doses.

By conj nctival injection 5 to 10 mg. every five days.

·7 Injection of Cortisone Acetate.

Dose—Cortisone Acetate by intramuscular injection 50 to 200 mg. daily in single or divided doses by sub-conjunctival injection 5 to 10 mg. every five days.

When injection of Cartizone Acetate is prescribed, no strength being stated, a suspension containing 25 mg. in 1 ml. shall be dispensed.

·8 Tablets of Cortisone Acetate.

Dose—50 to 200 mg. da ly in divided doses, for replacement therapy after Adrenalectomy and in A dis o s disease and Panhypopituitarism 12·5 to 50 mg. daily.

Preparations available :

1. Cortisone tablets (Merk).
2. ,, Eye ointment and drops 1 per cent (ciba).
3. ,, Ointment 1·5 per cent.
4. ,, Saline suspension 25 mg. in 20 cc.

Unofficial preparations of Adrenal Harmones.

·1 Deoxy Cortisone Trimethyl Acetate.

Dose—About 75 mg. depending on the circumstances in each individual patient every 3 to 4 weeks.

2 Hydrocortisone.

Hydrocortisone is available as tablets of 20 mg. for oral use and a microcrystalline suspension 25 mg. per ml. in saline suspension for local applications into joints or in the conjunctival sec. intramuscularly it is slowly absorbed.

Preparations available :

1 Cortil in aquous suspension for intra-articular injection 125 mg. in 5 cc.

2 Cortil Ophthalmic ointment 5 mg/G.

3 Cortil Ophthalmic ointment 25 mg/G.

4 Cortil Ophthalmic Suspension with Terramycin.

5 Cortil Oral tablets 20 mg.

6 Cortil Oral tablets 10 mg.

7 Cortil topical ointment 25 mg/G.

30. A.	Insulin Lente	..	Medium acting.
	Semilente	..	Short acting.
	Ultralente	..	Long acting.

(Add Acacia gummi Q.S. to be added to Mist. Bismuth No. 47.)

P.P. 116.

Sodium Phenobarbitone.

Under	2 years	..	½–1 grain
	2–6 years	..	1–1½ grains.
,,	6–12 years	..	1½–3 grains.
,,	(Maximum not to be used as a routine.)		

B.P . Prparations (Anticoagulants).

1 Heparin or Heparinum or Heparin Sodium.

Dose—By intravenous or intramuscular injection 5,000 to 15,000 units.

2 Injection of Reparin.

Dose—Heparin by intravenous or intramuscular injection 5,000 to 15,000 units.

3 Ethyl Biscoumacetate (Tromexan) / (Geigy)

Dose—0·15 to 1 G. daily according to the Prothrombin activity of the blood.

4 Dicoumarol .. B.P., 1948.

Dose—50 to 300 mg. daily.

The above preparation is removed from B.P. 1953.

5 Phenindione—Phenylindanedione. (Dindevan.)

Dose—Initial dose 0·2 to 0·3, subsequent dsoes, 25 mg. to 100 mg. daily according to the Prothrombin activity of the blood.

Tablets of Phenindione.

Dose—As above.

B.P. Preparations of Insulin.

1 Injection of Insulin.
2 Injection of Globin Zinc Insulin.
3 Injection of Protamine Zinc Insulin.
4 Insulin Zinc Suspension (I.Z.S.).

Lente Insulins.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

5 Iusulin Zinc Suspension (Amorphous).
Amorphous I.Z.S.

Semilente Insulin—12-18 hours.

Dose—The dose is determined by the Physician in accordance with the needs of the patient.

6 Insulin Zinc Suspension (Crystalline).
Crystalline I.Z.S. { Lente—24 hours.
{ Ultralente—30 hours.

Dose—In accordance with the needs of the patient.

U.O.

1 Histonic Zinc Insulin.

2 Isophane or NPH Insulin.

Preparations available :

1 N.P.H. Insulin (Lillys).

2 Protamine Zinc Insuline (Lillys Burrough Welcome).

3 Insulin Novo Semilente.

40 units/c.c.
Action for 12-18 hours.

4 Insulin Novo Ultralente.

40 units/c.c.
Action for over 24 hours.

5 Insuling Novo Lente.

40 units/c.c.
Action over 34 hours.

It is a mixture containing 30 per cent of Semilente and 70 per cent of Ultralente.